

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011173.D
 Acq On : 09 Jul 2019 12:32
 Operator : SY/VA
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:47:37 AM

Quant Time: Jul 10 04:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148357	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	116785	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.32	98	482574	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	175718	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	35975	20.532	ug/l	96
3) Chloromethane	2.21	50	47475	21.028	ug/l	96
4) Vinyl Chloride	2.35	62	61733	20.891	ug/l	99
5) Bromomethane	2.76	94	30099	20.270	ug/l	98
6) Chloroethane	2.91	64	31984	20.095	ug/l	97
7) Trichlorofluoromethane	3.25	101	18884	17.988	ug/l	97
8) Diethyl Ether	3.67	74	29171	20.083	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51803	20.601	ug/l	98
10) Methyl Iodide	4.27	142	68815	19.898	ug/l	100
11) Tert butyl alcohol	5.17	59	20495	93.774	ug/l	99
12) 1,1-Dichloroethene	4.04	96	53224	20.393	ug/l	87
13) Acrolein	3.89	56	15210	87.396	ug/l	97
14) Allyl chloride	4.66	41	91716	19.271	ug/l	100
15) Acrylonitrile	5.37	53	70992	95.966	ug/l	99
16) Acetone	4.12	43	68412	96.316	ug/l	97
17) Carbon Disulfide	4.38	76	153320	19.377	ug/l	99
18) Methyl Acetate	4.67	43	46206	22.087	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79931	20.184	ug/l	98
20) Methylene Chloride	4.92	84	61388	21.908	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	54055	19.933	ug/l	99
22) Diisopropyl ether	6.31	45	209572	20.474	ug/l	99
23) Vinyl Acetate	6.25	43	615668	97.187	ug/l	100
24) 1,1-Dichloroethane	6.21	63	110334	20.527	ug/l	99
25) 2-Butanone	7.17	43	108468	97.284	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57015	20.406	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60252	20.596	ug/l	99
28) Bromochloromethane	7.51	49	44655	18.271	ug/l	100
29) Tetrahydrofuran	7.52	42	69641	95.256	ug/l	99
30) Chloroform	7.67	83	100320	20.153	ug/l	96
31) Cyclohexane	7.95	56	115984	20.283	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76656	20.244	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84429	20.521	ug/l	100
37) Ethyl Acetate	7.25	43	48154	19.480	ug/l	99
38) Carbon Tetrachloride	8.07	117	70539	20.225	ug/l	99

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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101801	20.415	ug/l	99
40) Benzene	8.32	78	231385	20.350	ug/l	100
41) Methacrylonitrile	7.48	41	29205	20.657	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	74827	20.287	ug/l	99
43) Isopropyl Acetate	8.42	43	91010	19.501	ug/l	98
44) Trichloroethene	9.09	130	56219	20.547	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62860	20.416	ug/l	98
46) Dibromomethane	9.46	93	29135	20.144	ug/l	99
47) Bromodichloromethane	9.64	83	73507	19.863	ug/l	99
48) Methyl methacrylate	9.43	41	43650	19.441	ug/l	99
49) 1,4-Dioxane	9.44	88	9530	394.741	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	240821	98.781	ug/l	99
52) Toluene	10.39	92	143004	20.733	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77552	19.687	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91186	19.666	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41732	20.338	ug/l	94
56) Ethyl methacrylate	10.65	69	60557	19.385	ug/l	100
57) 1,3-Dichloropropane	10.93	76	78031	20.110	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	157332	108.634	ug/l	99
59) 2-Hexanone	10.97	43	167164	98.872	ug/l	99
60) Dibromochloromethane	11.13	129	43133	19.170	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38137	19.622	ug/l	98
64) Tetrachloroethene	10.86	164	46340	20.075	ug/l	93
65) Chlorobenzene	11.66	112	141482	20.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	49495	20.211	ug/l	98
67) Ethyl Benzene	11.73	91	273387	20.533	ug/l	100
68) m/p-Xylenes	11.84	106	198923	41.290	ug/l	99
69) o-Xylene	12.16	106	92274	20.321	ug/l	99
70) Styrene	12.18	104	162047	20.678	ug/l	99
71) Bromoform	12.35	173	23977	18.415	ug/l #	98
73) Isopropylbenzene	12.46	105	258272	20.342	ug/l	100
74) N-amyl acetate	12.27	43	85601	19.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	50541	19.419	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35391m	18.031	ug/l	
77) Bromobenzene	12.75	156	57501	20.181	ug/l	98
78) n-propylbenzene	12.80	91	322207	20.601	ug/l	100
79) 2-Chlorotoluene	12.89	91	182890	20.321	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219747	20.373	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15221	17.540	ug/l	95
82) 4-Chlorotoluene	12.99	91	191072	20.382	ug/l	99
83) tert-Butylbenzene	13.21	119	184288	20.486	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	219500	20.266	ug/l	100
85) sec-Butylbenzene	13.38	105	265859	20.482	ug/l	100
86) p-Isopropyltoluene	13.50	119	241451	20.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113826	20.763	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	110492	20.015	ug/l	96
89) n-Butylbenzene	13.82	91	242231	20.857	ug/l	100
90) Hexachloroethane	14.10	117	41899	19.694	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	101214	20.351	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8715	18.878	ug/l	97

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Instrument :
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ClientSampleId :
VW0709SBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72390	21.132	ug/l	99
94) Hexachlorobutadiene	15.24	225	43444	20.657	ug/l	100
95) Naphthalene	15.37	128	131440	20.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	63407	20.973	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

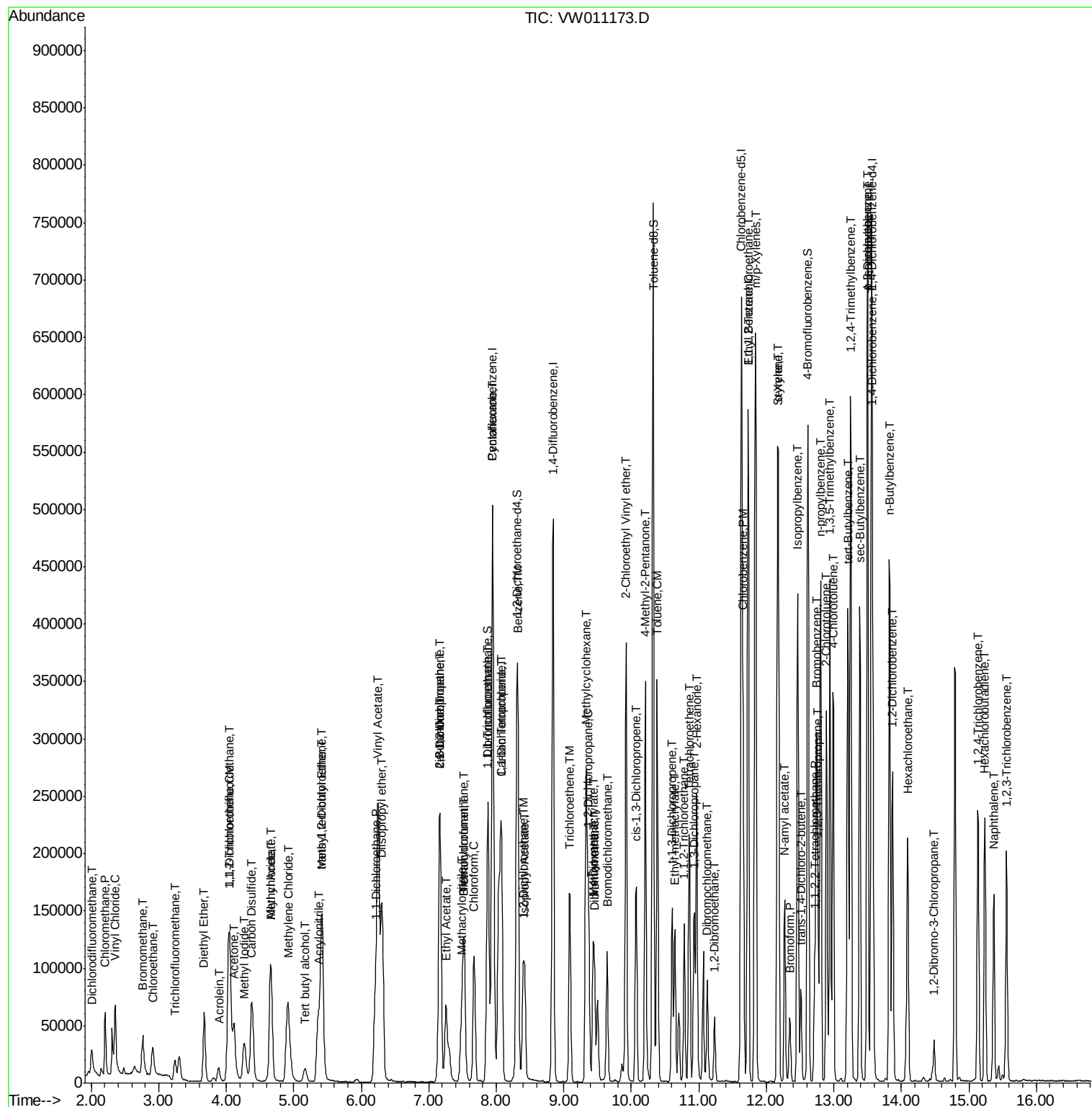
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070919\
Data File : VW011173.D
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Operator : SY/VA
Sample : VW0709SBS01
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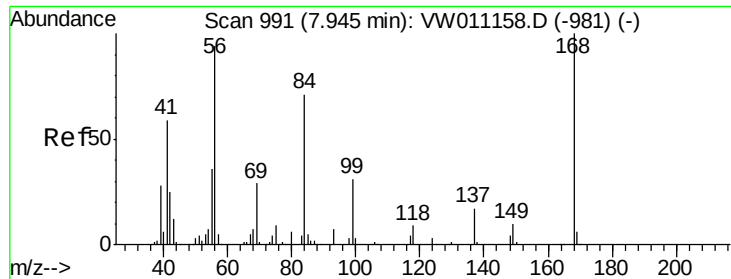
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Manual Integrations
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

Tot Ion:168 Resp: 234933

Ion Ratio Lower Upper

168 100

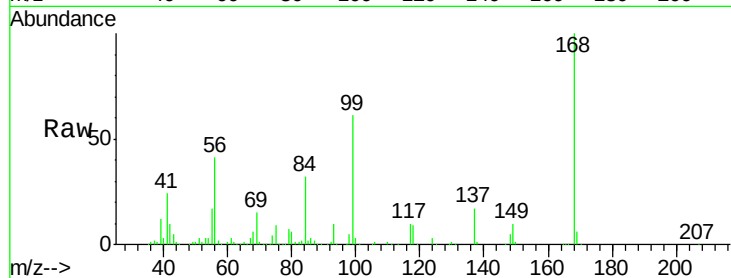
99 61.0 50.1 75.1

Manual Integrations

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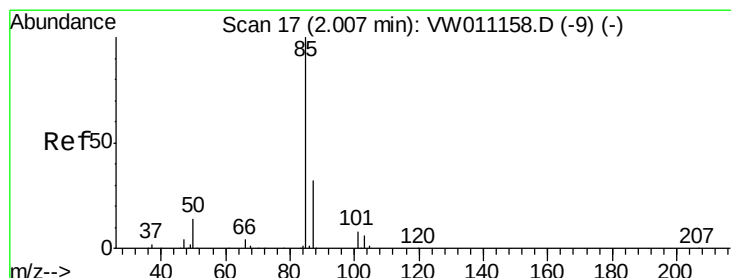
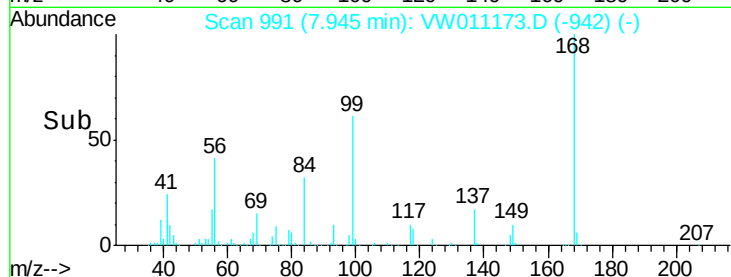
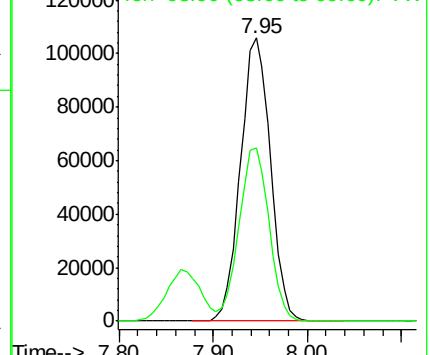
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.532 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW011173.D

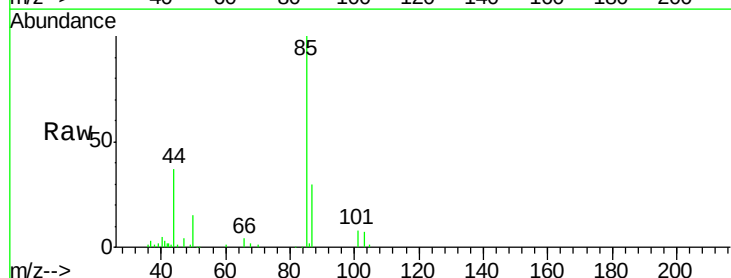
Acq: 09 Jul 2019 12:32

Tgt Ion: 85 Resp: 35975

Ion Ratio Lower Upper

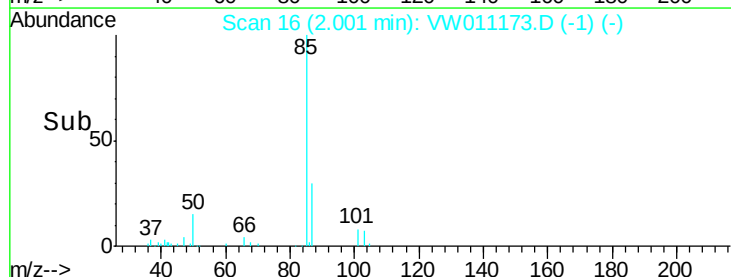
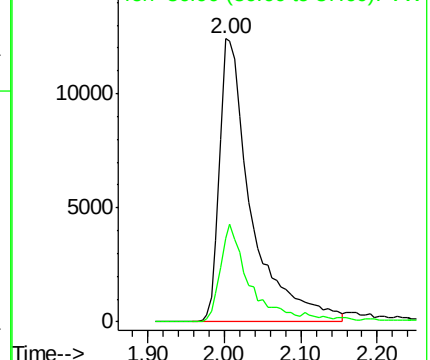
85 100

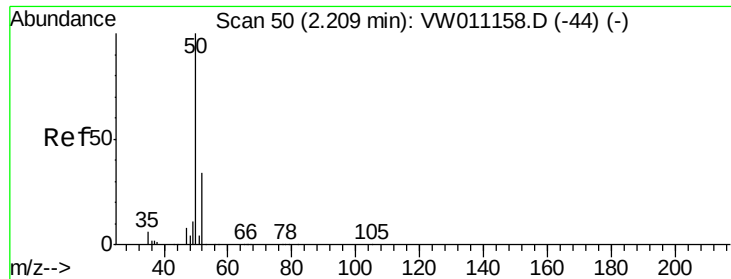
87 29.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.028 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 50 Resp: 47475

Ion Ratio Lower Upper

50 100

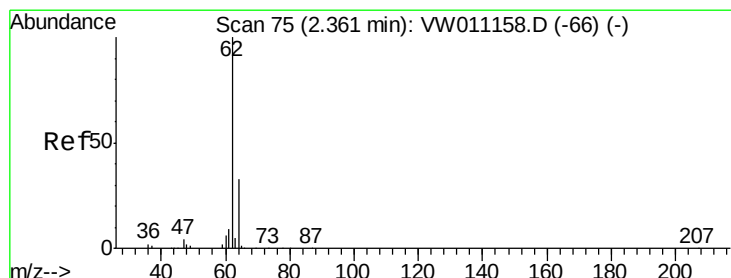
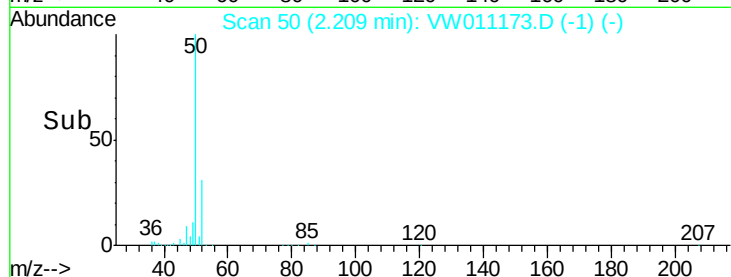
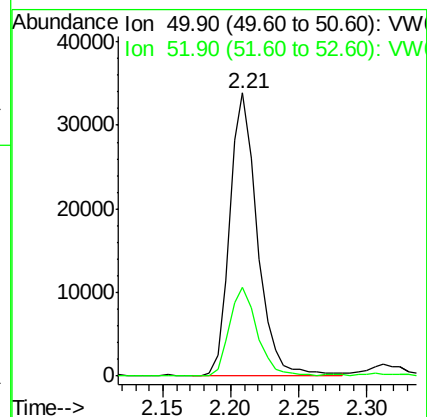
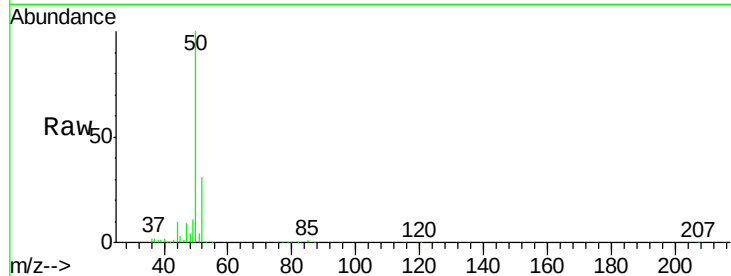
52 31.5 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.891 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011173.D

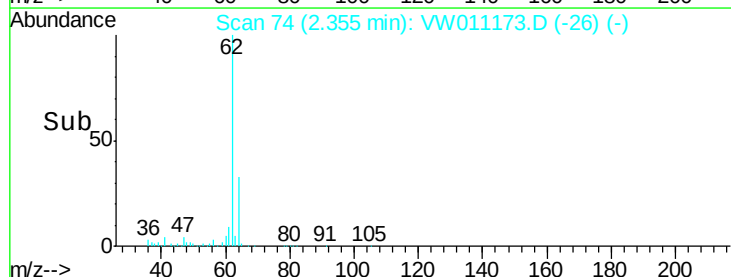
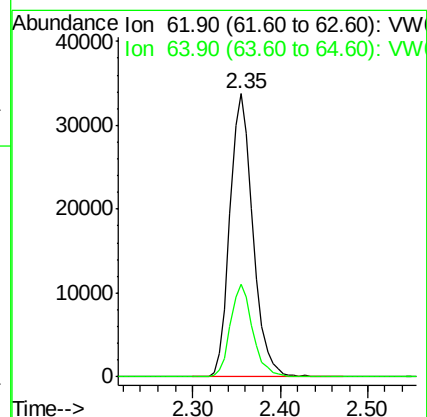
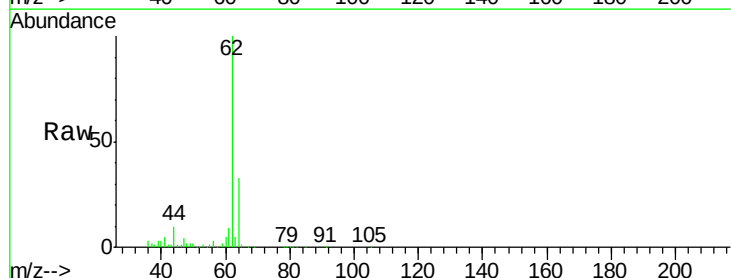
Acq: 09 Jul 2019 12:32

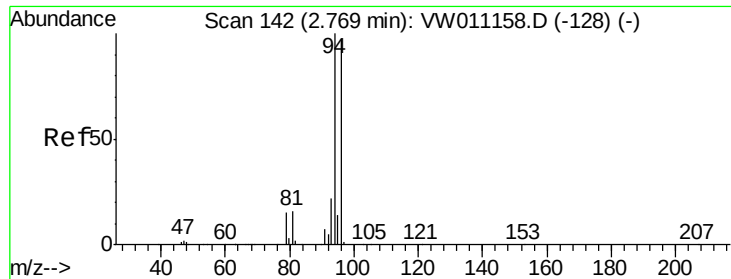
Tgt Ion: 62 Resp: 61733

Ion Ratio Lower Upper

62 100

64 32.7 26.6 40.0





#5

Bromomethane

Concen: 20.270 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 94 Resp: 30099

Ion Ratio Lower Upper

94 100

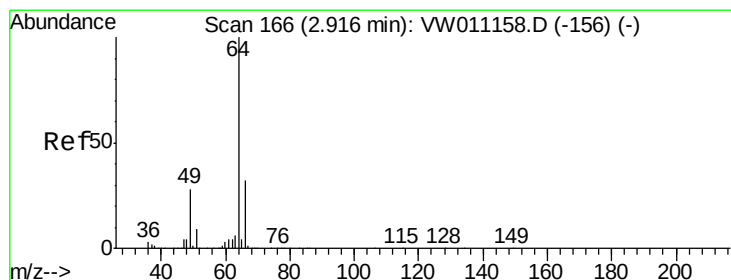
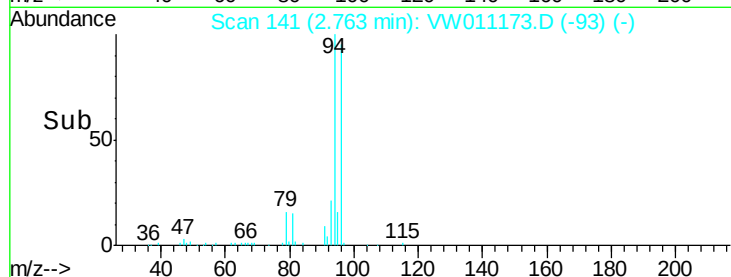
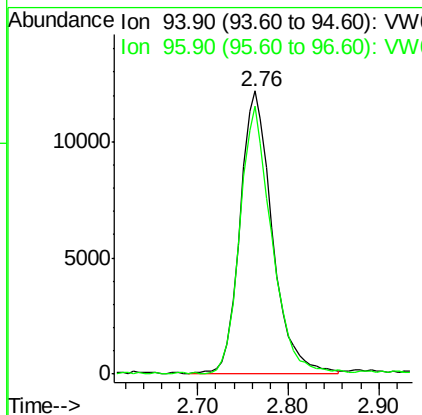
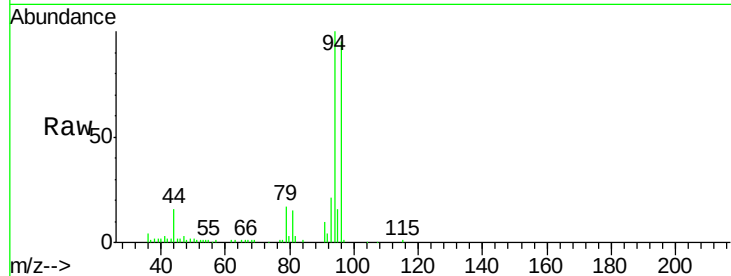
96 94.5 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 20.095 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011173.D

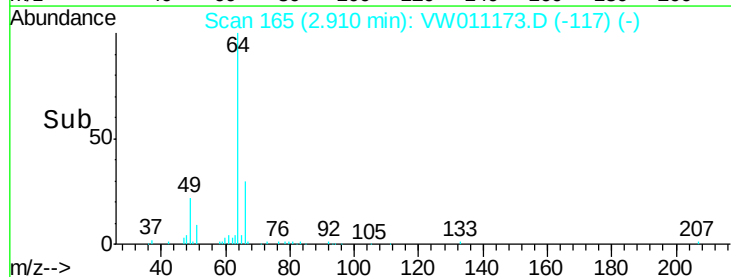
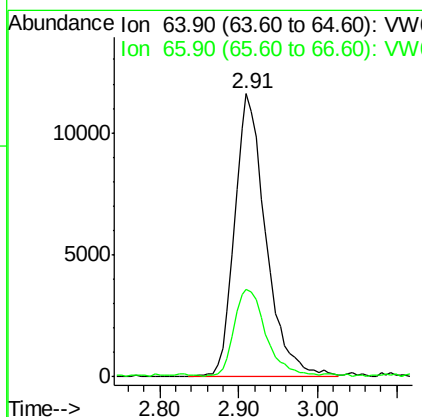
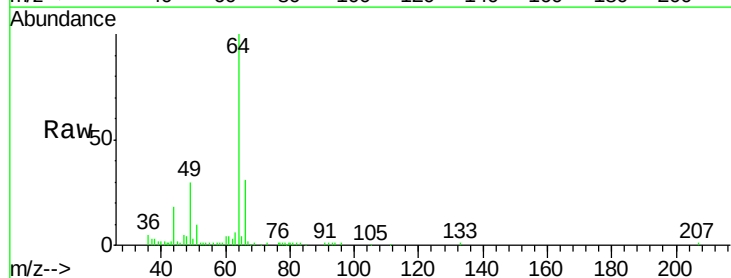
Acq: 09 Jul 2019 12:32

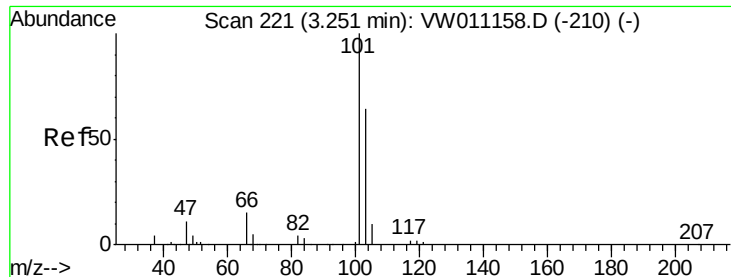
Tgt Ion: 64 Resp: 31984

Ion Ratio Lower Upper

64 100

66 30.5 25.8 38.8





#7

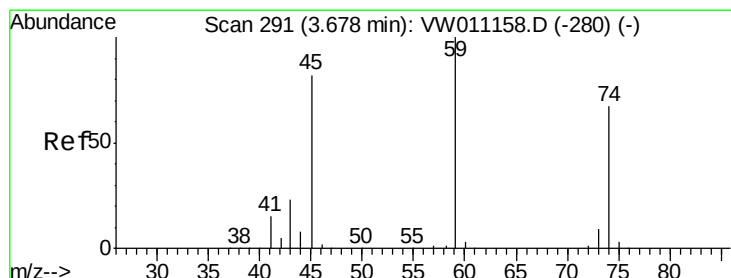
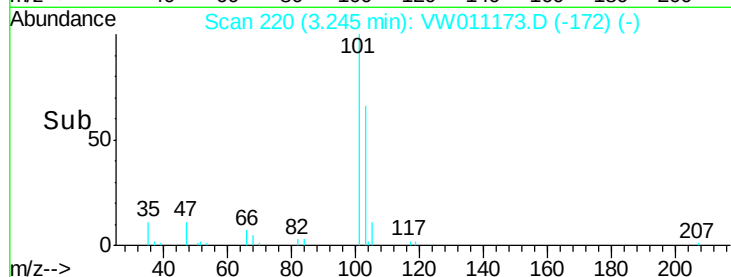
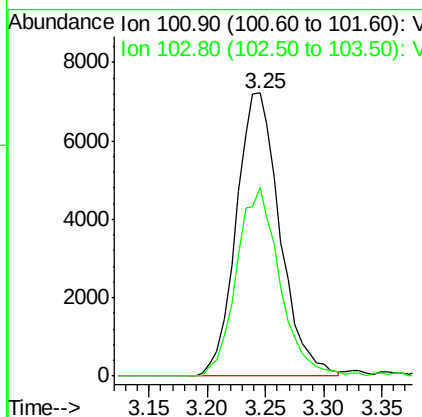
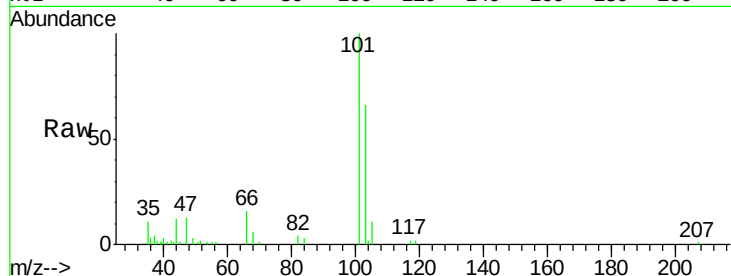
Trichlorofluoromethane
Concen: 17.988 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.3	76.9

Manual Integrations
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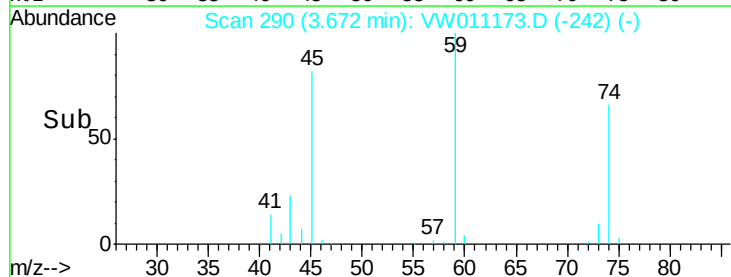
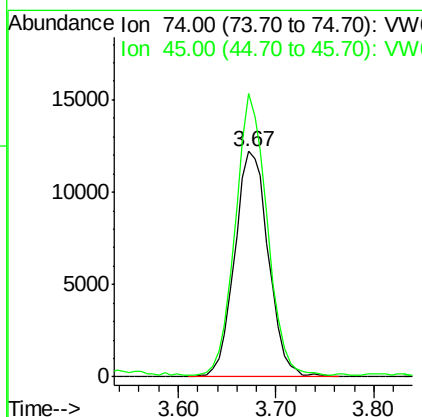
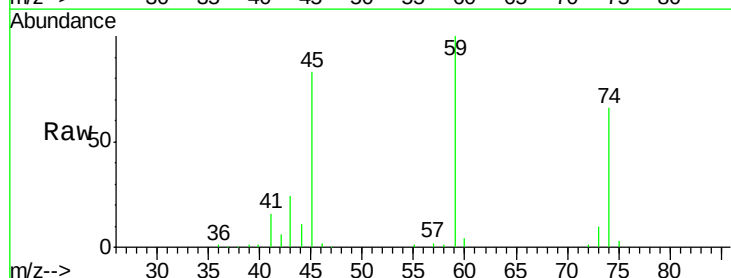
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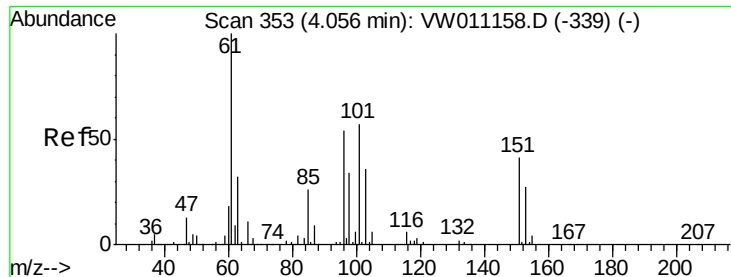


#8

Diethyl Ether
Concen: 20.083 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	116.9	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.601 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

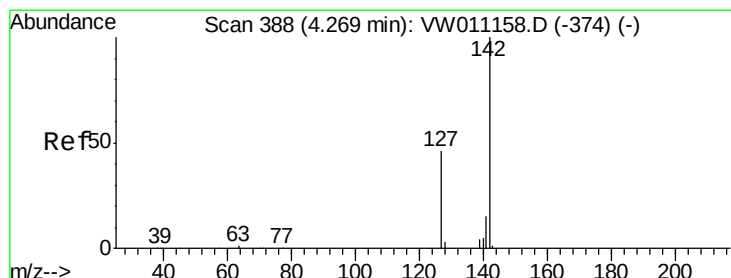
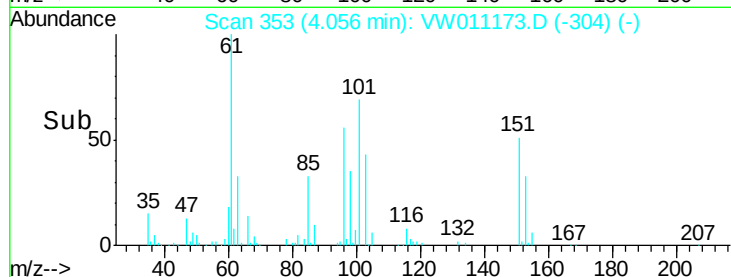
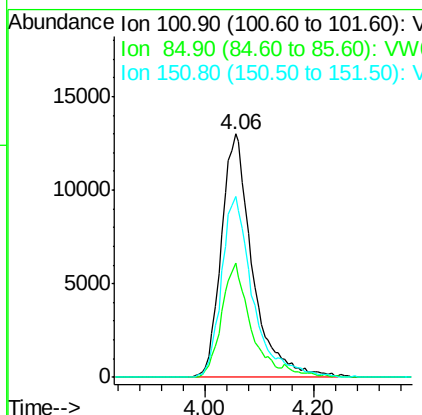
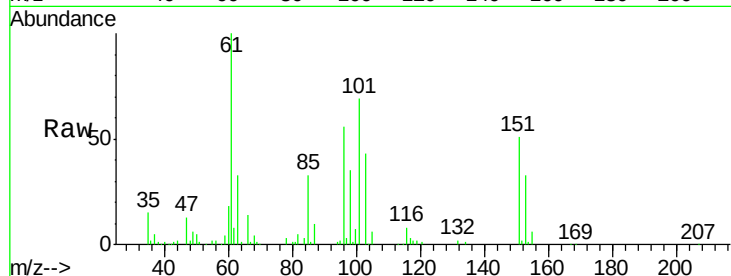
ClientSampleId :

VW0709SBS01

Tot Ion:	101	Resp:	51803
Ion Ratio	Lower	Upper	
101	100		
85	42.5	36.5	54.7
151	74.6	59.1	88.7

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#10

Methyl Iodide

Concen: 19.898 ug/l

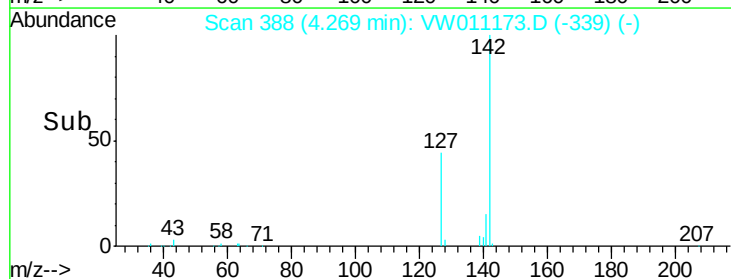
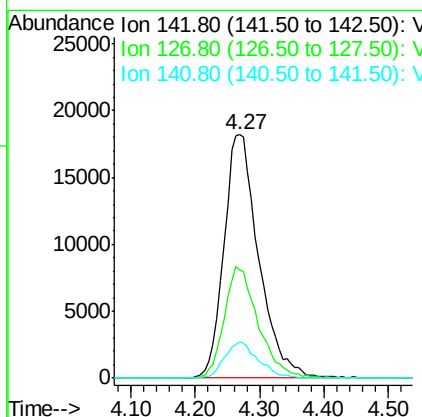
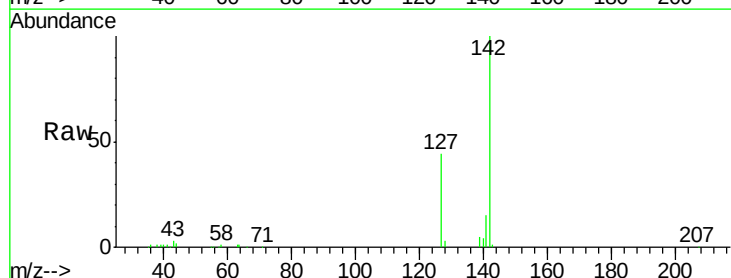
RT: 4.27 min Scan# 388

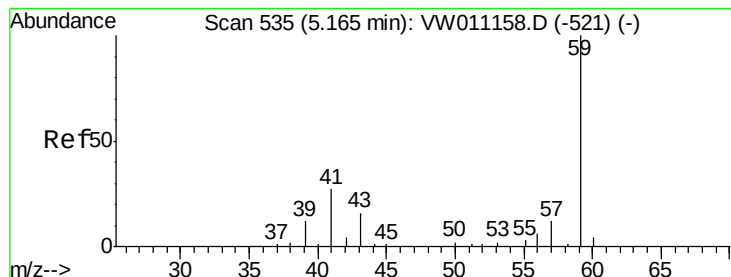
Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	142	Resp:	68815
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.7	53.5
141	14.5	11.5	17.3





#11

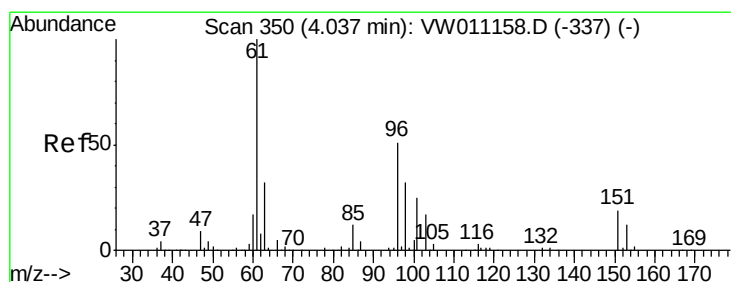
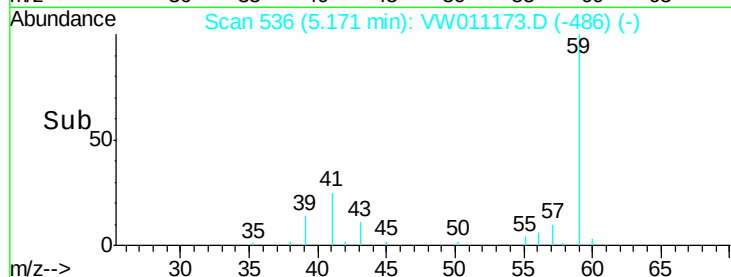
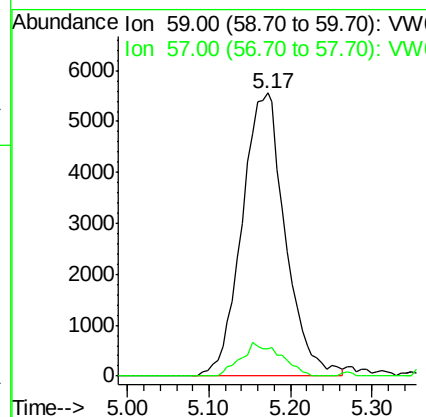
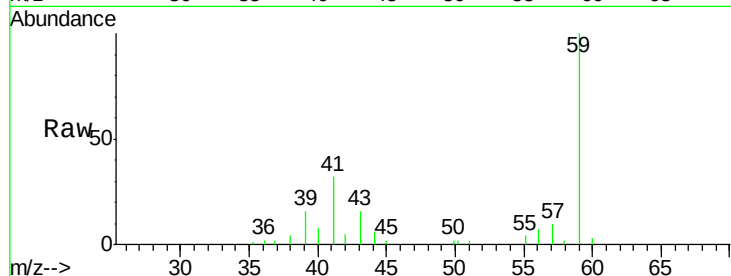
Tert butyl alcohol
 Concen: 93.774 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.0	13.6

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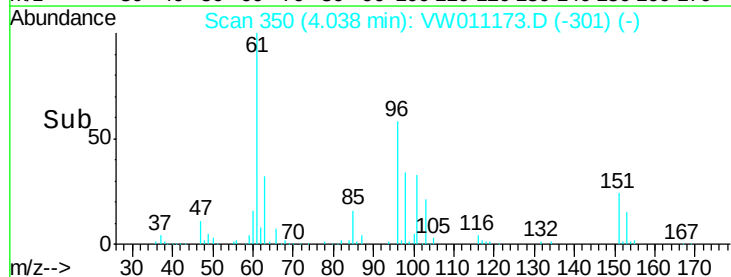
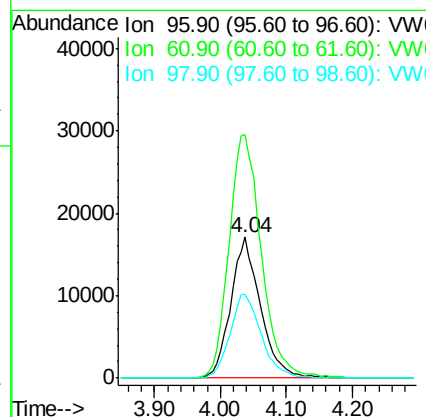
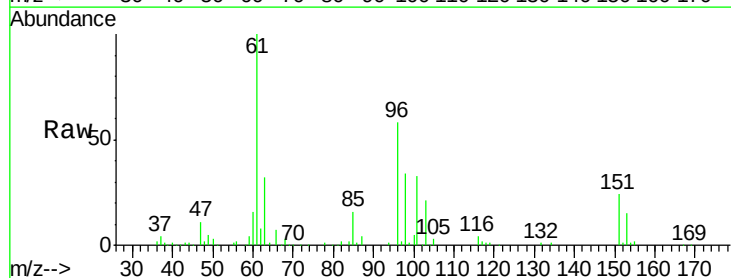
MMDadoda
 7/10/2019 10:47:37 AM

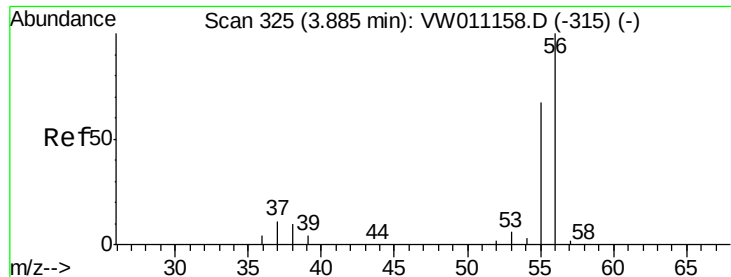


#12

1,1-Dichloroethene
 Concen: 20.393 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	157.7	236.5
98	59.3	50.9	76.3





#13

Acrolein

Concen: 87.396 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

Tot Ion: 56 Resp: 15210

Ion Ratio Lower Upper

56 100

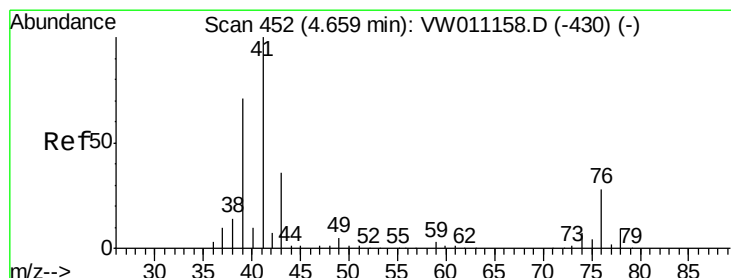
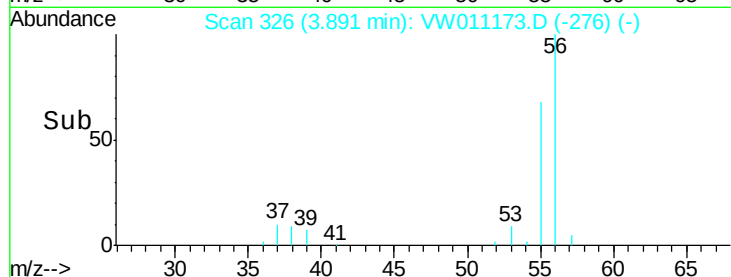
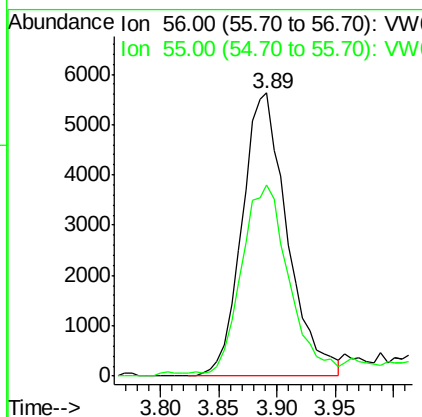
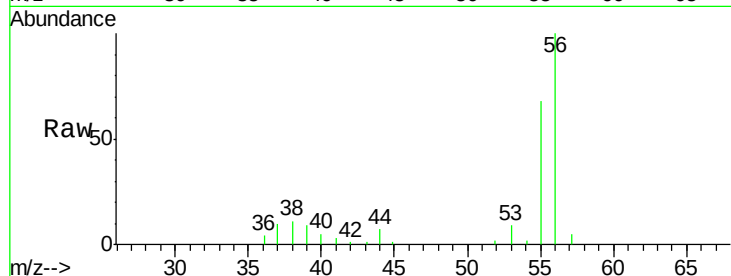
55 68.4 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.271 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

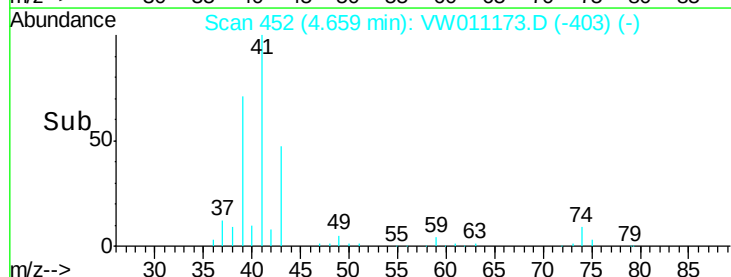
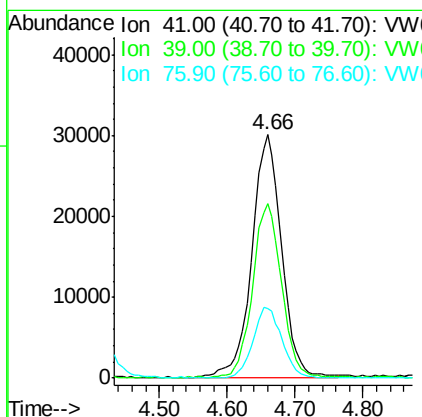
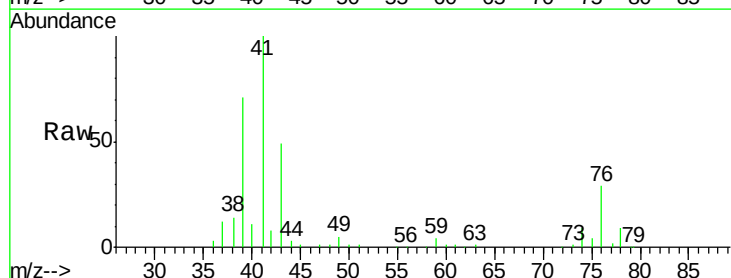
Tgt Ion: 41 Resp: 91716

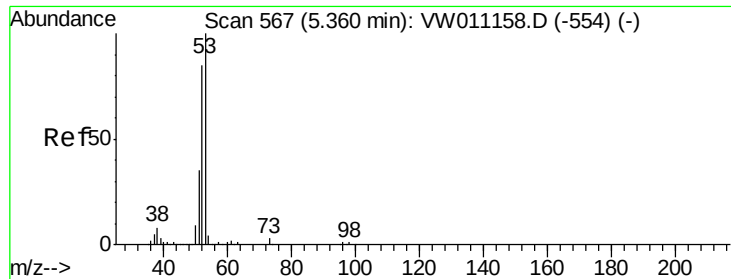
Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

76 28.4 22.5 33.7





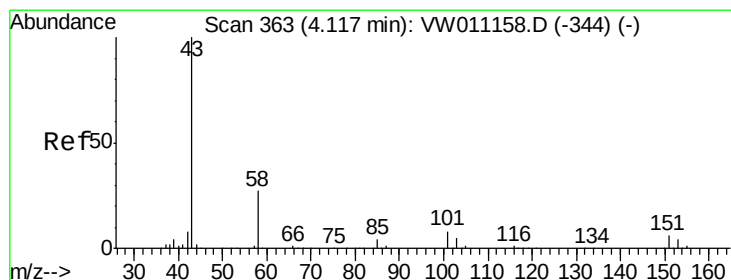
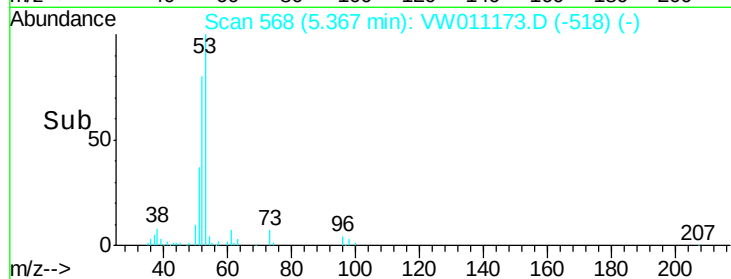
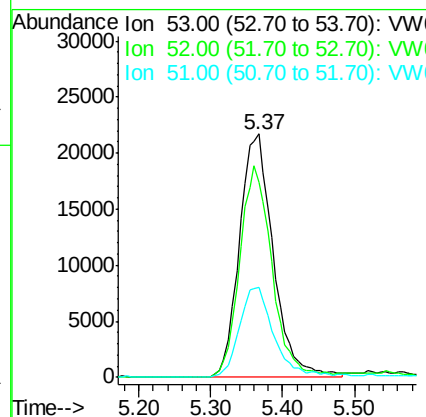
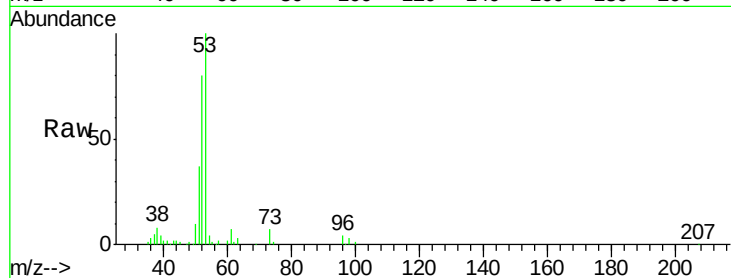
#15
 Acrylonitrile
 Concen: 95.966 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion:	53	Resp:	70992
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.4
51	37.7	29.1	43.7

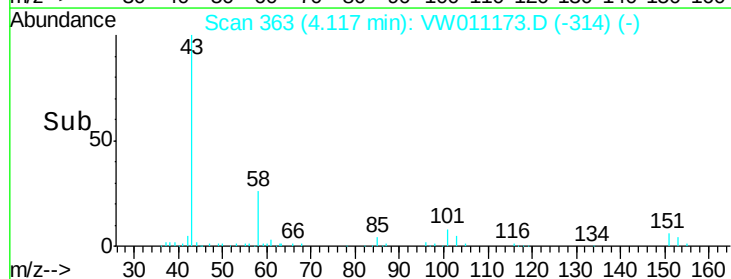
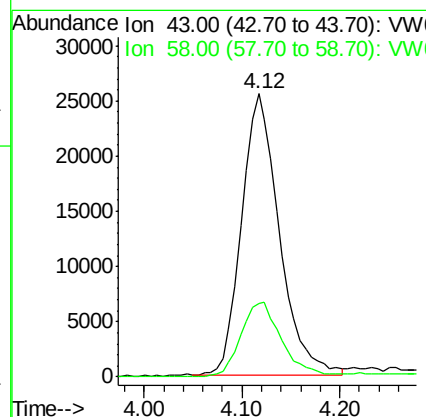
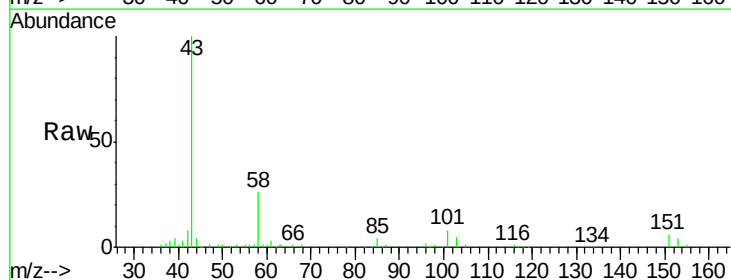
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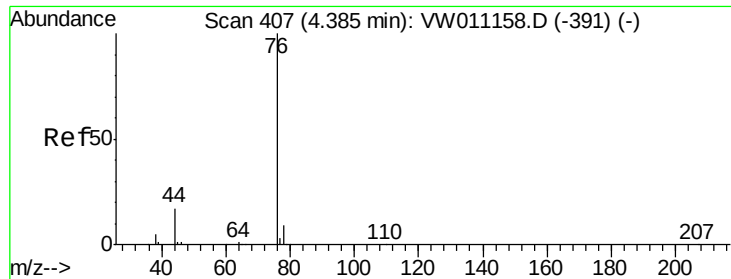
MMDadoda
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#16
 Acetone
 Concen: 96.316 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion:	43	Resp:	68412
Ion	Ratio	Lower	Upper
43	100		
58	25.7	21.8	32.6





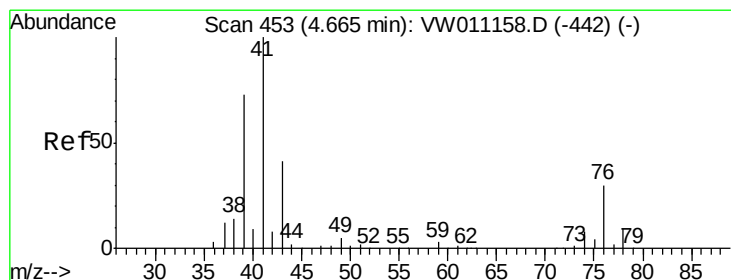
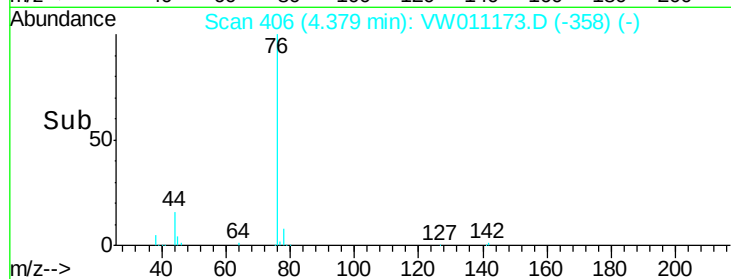
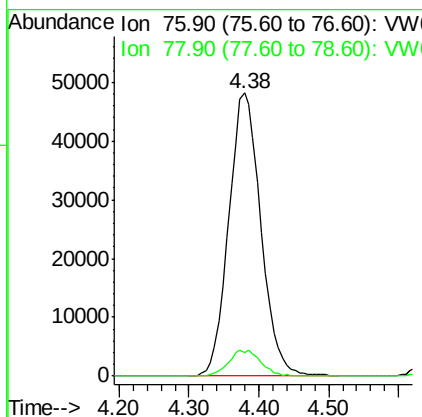
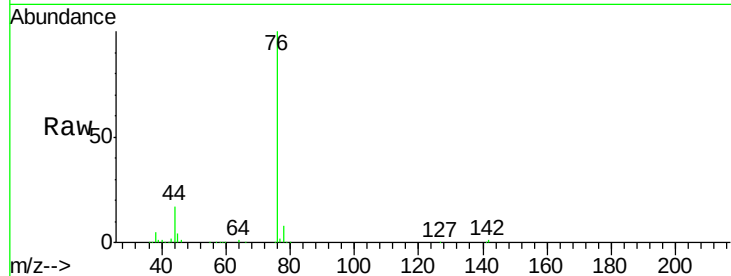
#17
Carbon Disulfide
Concen: 19.377 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

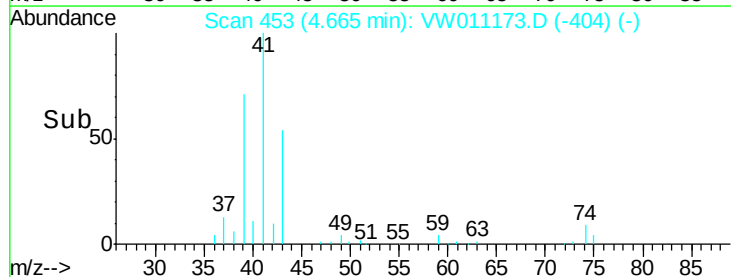
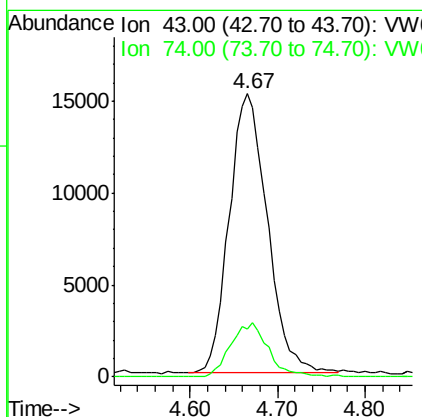
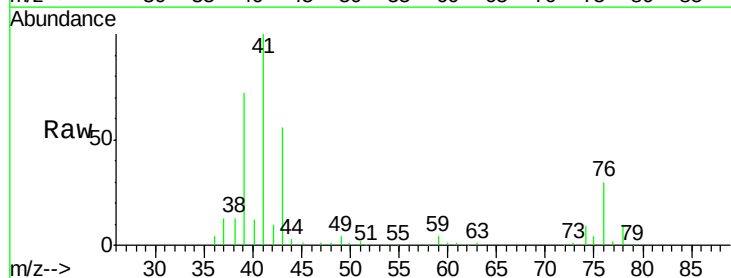
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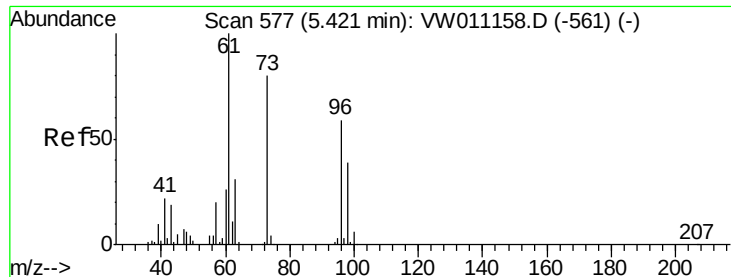
MMDadoda
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#18
Methyl Acetate
Concen: 22.087 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	15.7	23.5





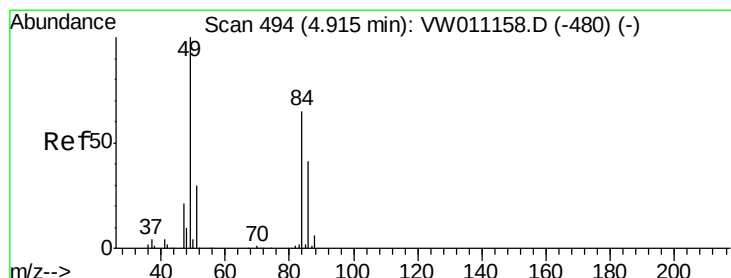
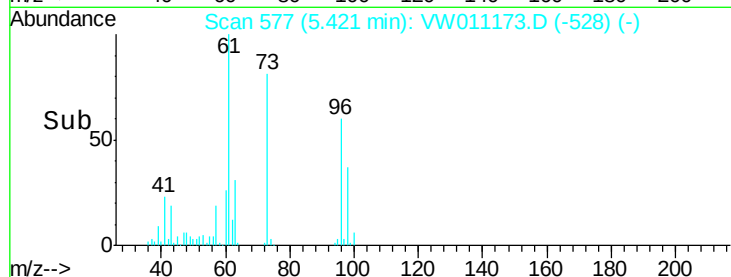
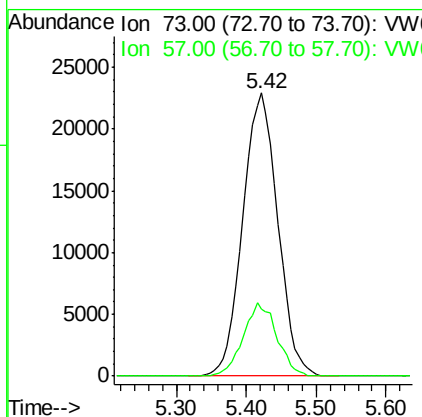
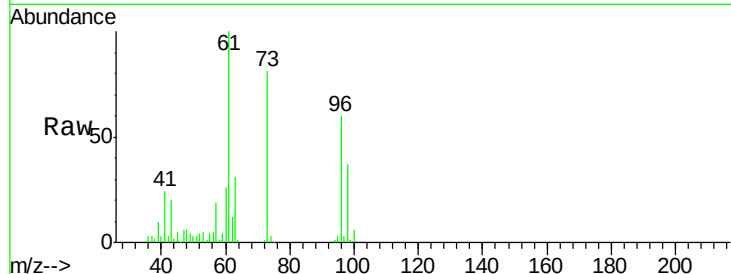
#19
Methyl tert-butyl Ether
Concen: 20.184 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 73 Resp: 79931
Ion Ratio Lower Upper
73 100
57 23.6 19.7 29.5

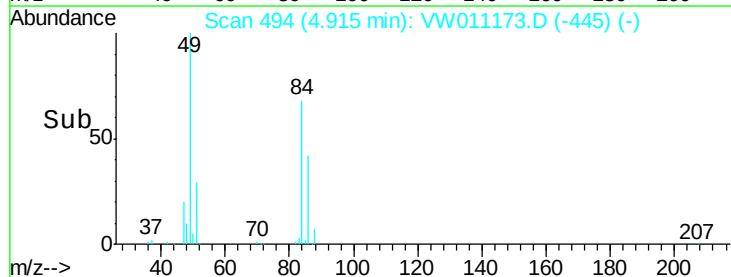
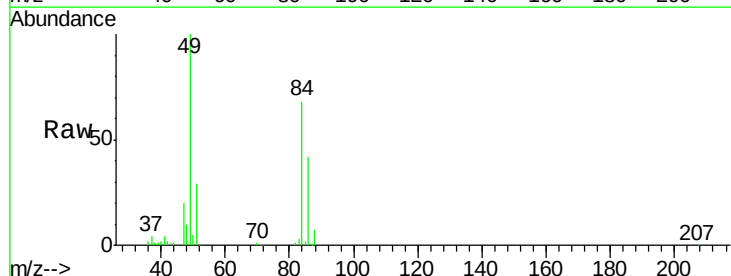
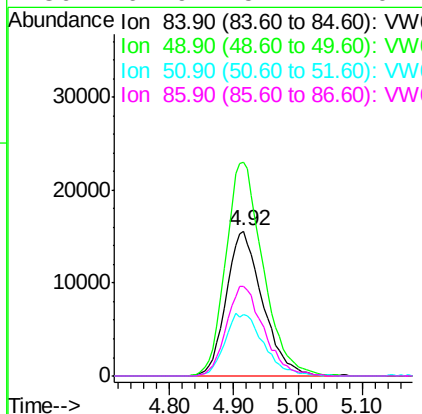
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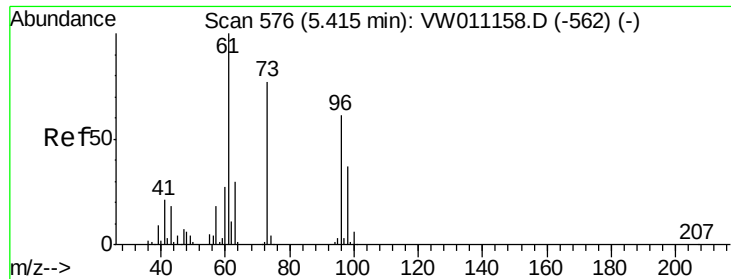
MMDadoda
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#20
Methylene Chloride
Concen: 21.908 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 84 Resp: 61388
Ion Ratio Lower Upper
84 100
49 147.1 123.8 185.6
51 42.9 37.4 56.2
86 61.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.933 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

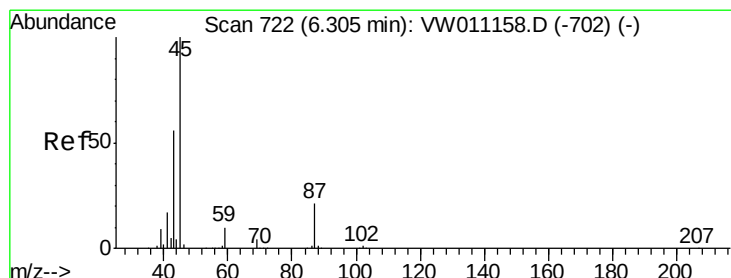
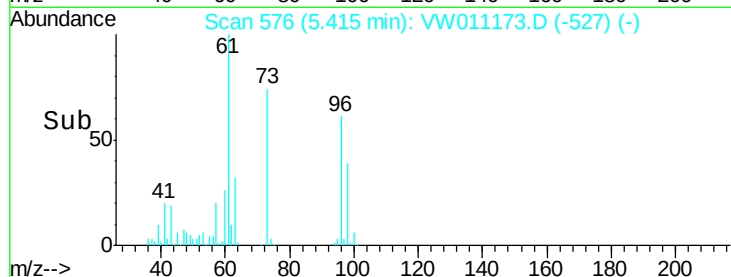
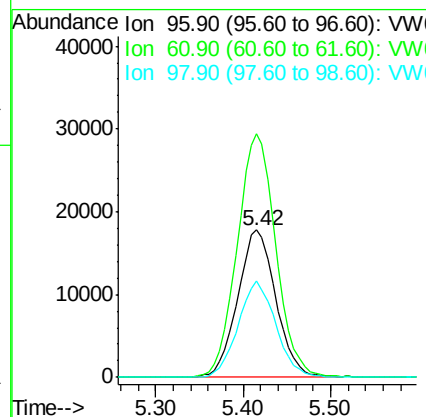
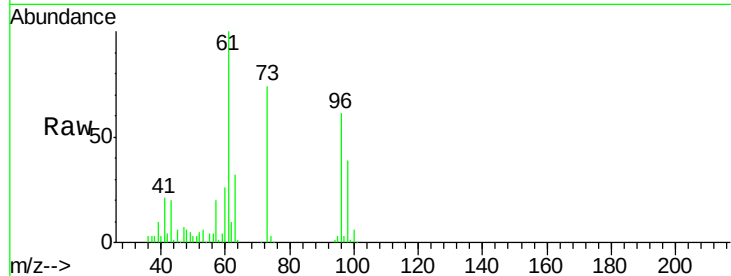
ClientSampleId :

VW0709SBSD01

Tot Ion:	96	Resp:	54055
Ion	Ratio	Lower	Upper
96	100		
61	164.7	132.2	198.2
98	65.1	49.4	74.0

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#22

Diisopropyl ether

Concen: 20.474 ug/l

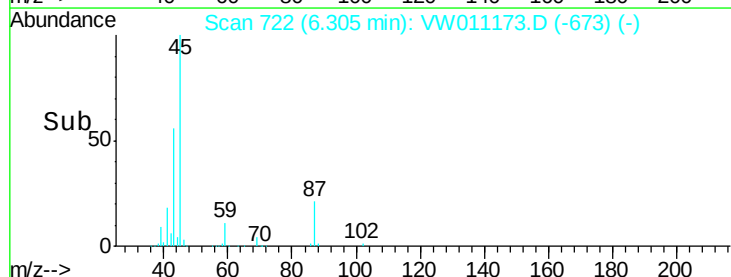
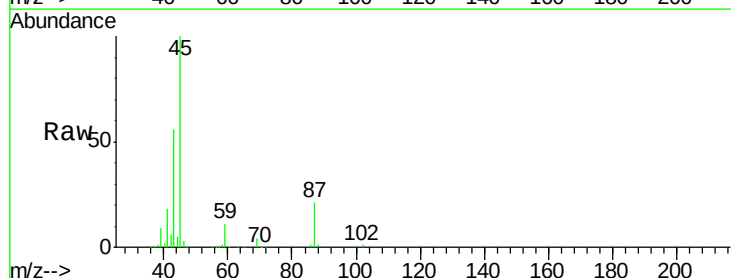
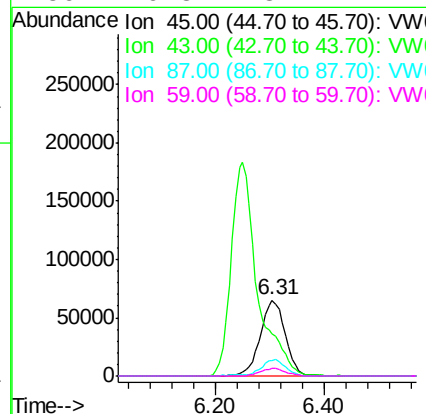
RT: 6.31 min Scan# 722

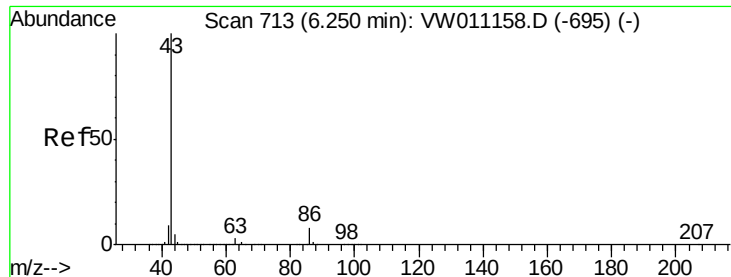
Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	45	Resp:	209572
Ion	Ratio	Lower	Upper
45	100		
43	55.7	44.6	66.8
87	20.8	17.3	25.9
59	10.8	8.2	12.2





#23

Vinyl Acetate

Concen: 97.187 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 43 Resp: 615668

Ion Ratio Lower Upper

43 100

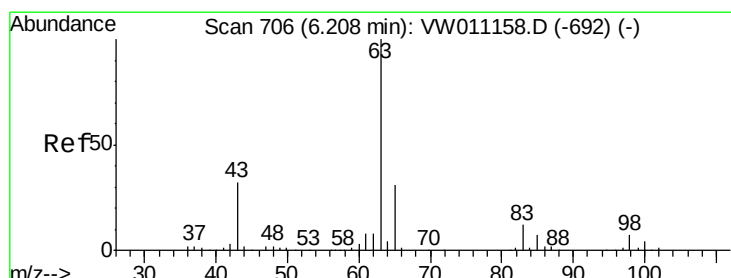
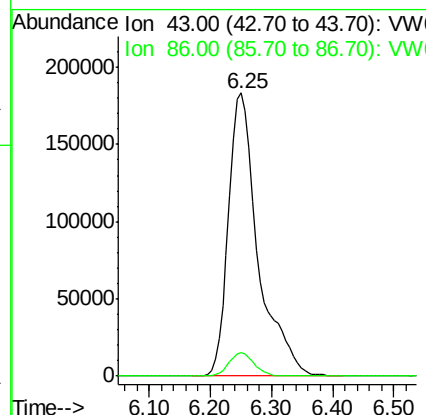
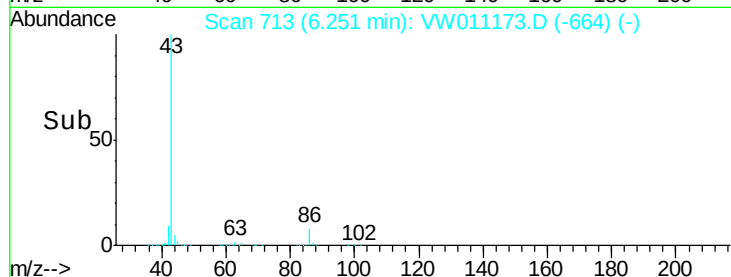
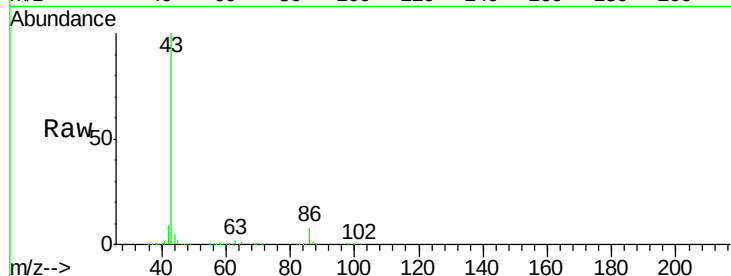
86 8.2 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.527 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

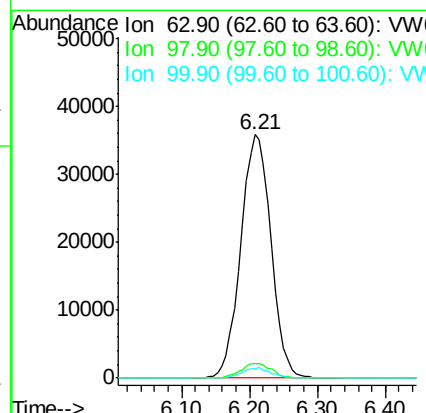
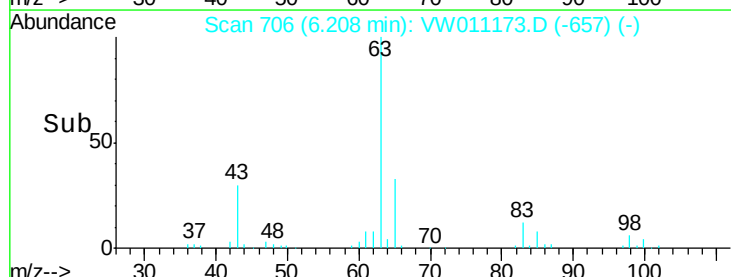
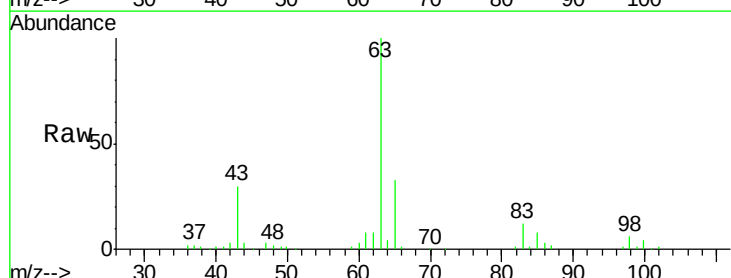
Tgt Ion: 63 Resp: 110334

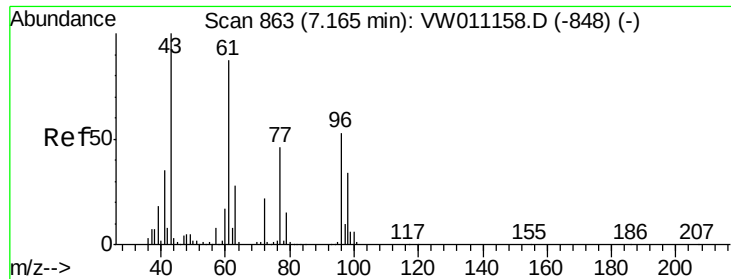
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 97.284 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 43 Resp: 108468

Ion Ratio Lower Upper

43 100

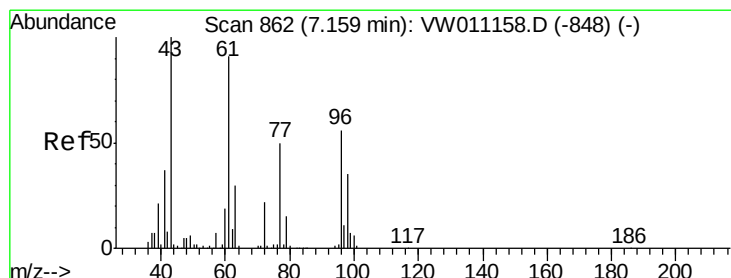
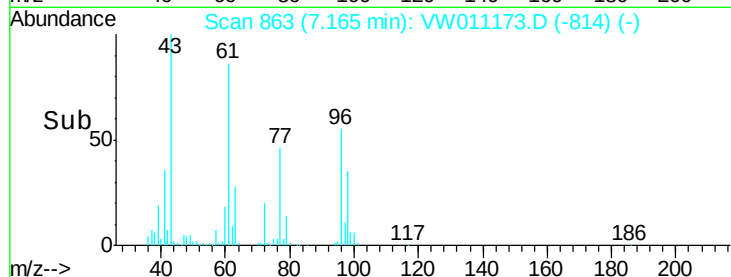
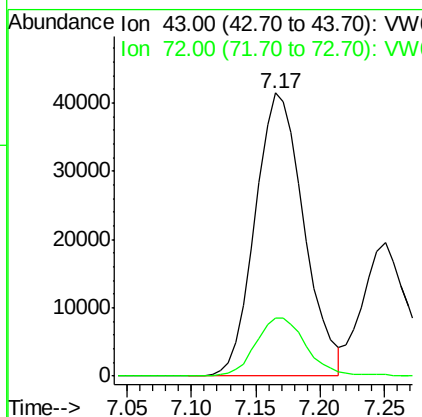
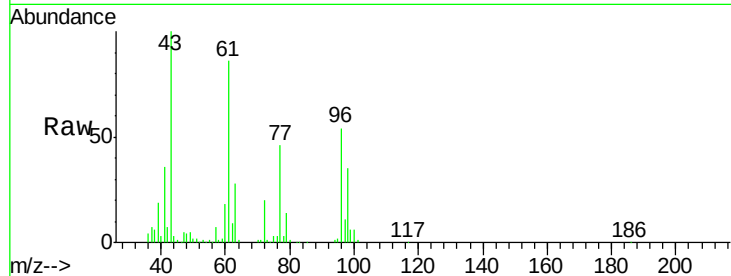
72 20.4 17.6 26.4

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 20.406 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011173.D

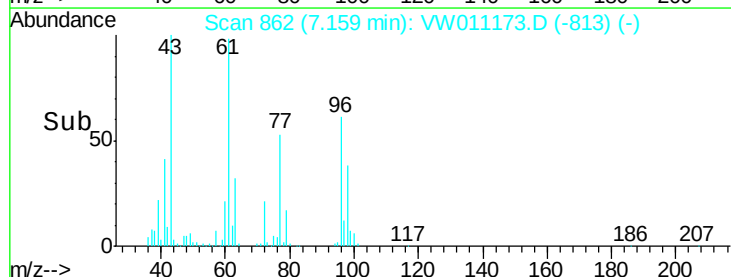
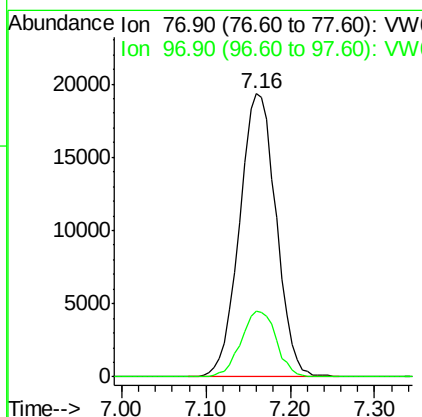
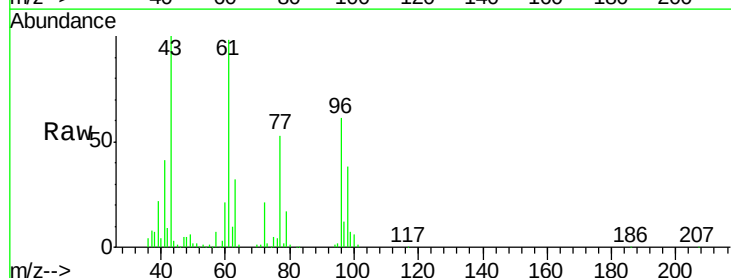
Acq: 09 Jul 2019 12:32

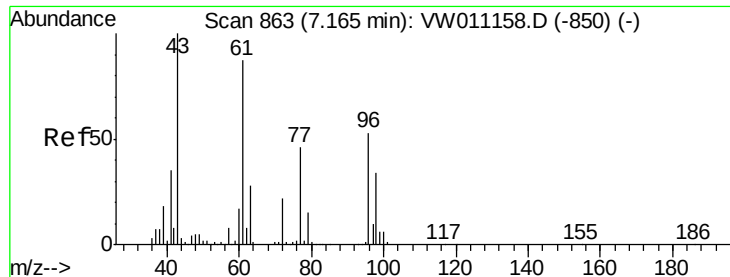
Tgt Ion: 77 Resp: 57015

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

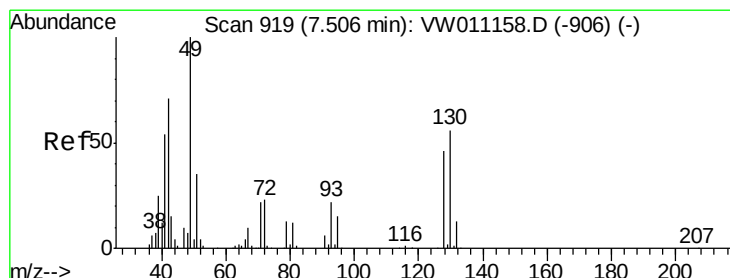
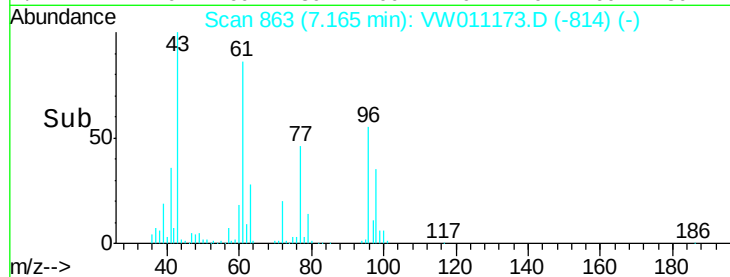
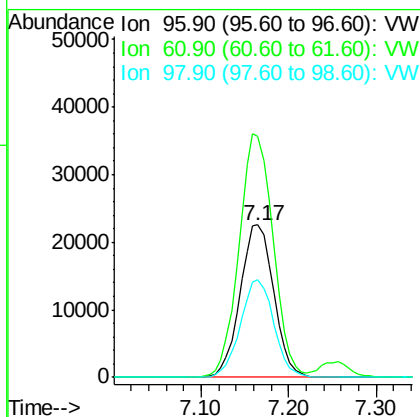
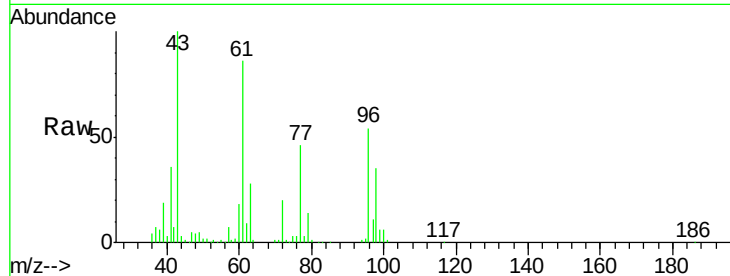
cis-1,2-Dichloroethene
Concen: 20.596 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	325.6
98	63.6	0.0	128.2

Manual Integrations
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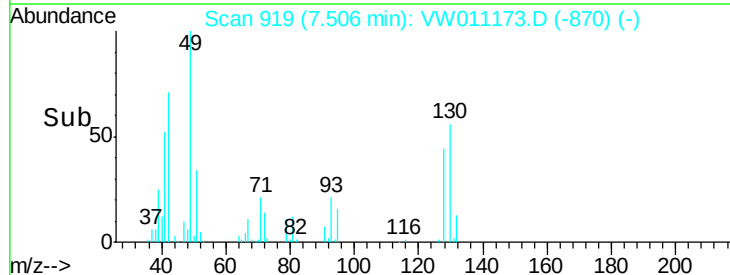
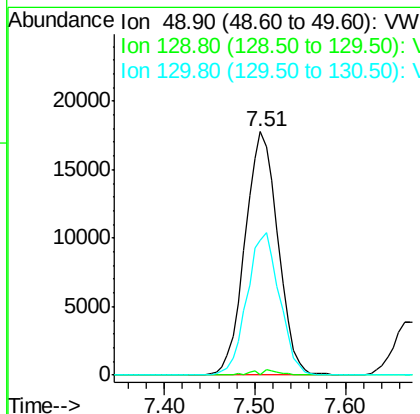
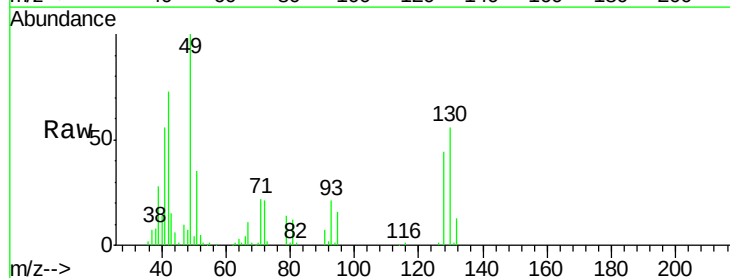
MMDadoda
7/10/2019 10:47:37 AM

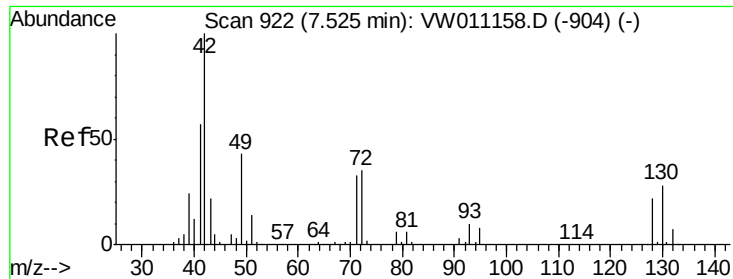


#28

Bromochloromethane
Concen: 18.271 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.4
130	57.7	45.8	68.8





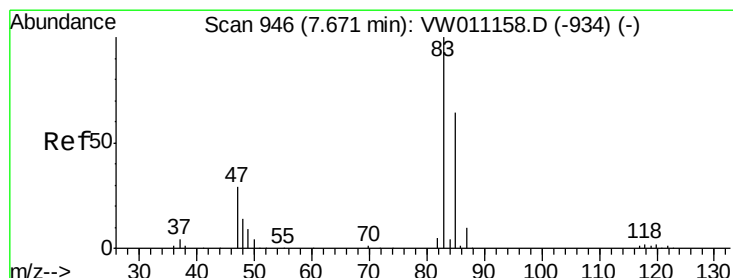
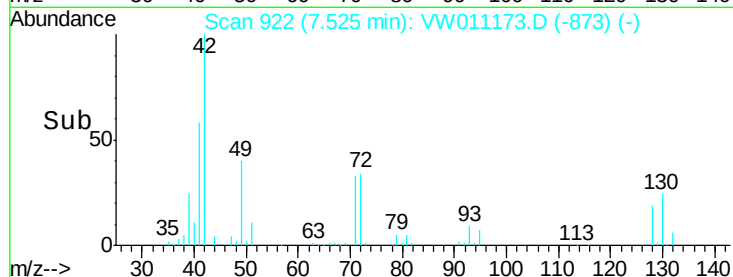
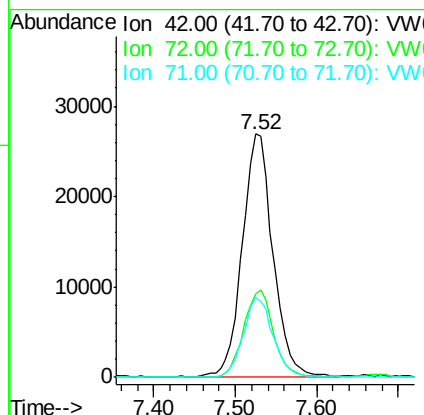
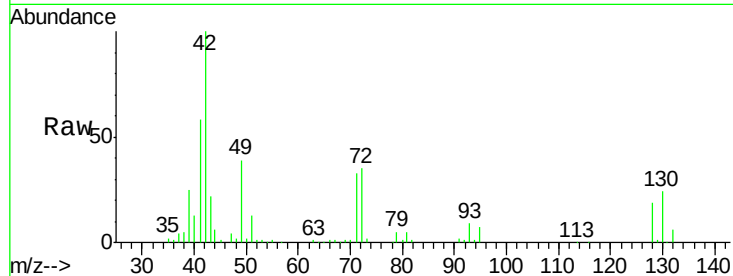
#29
Tetrahydrofuran
Concen: 95.256 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.3	27.4	41.2
71	32.4	25.9	38.9

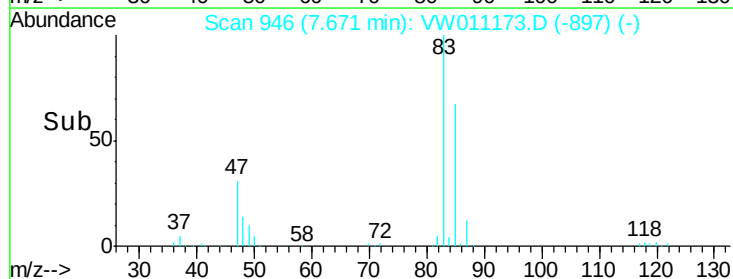
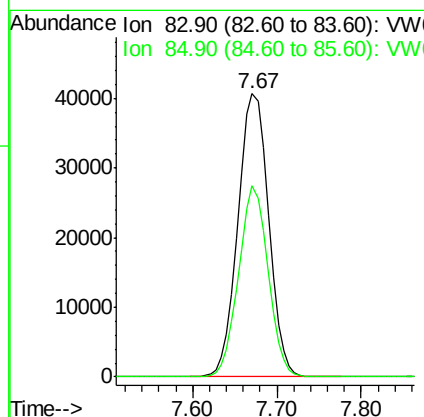
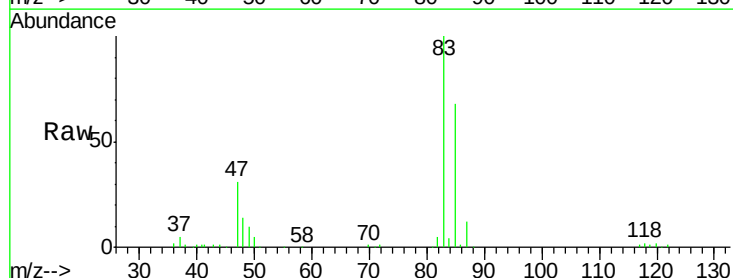
Manual Integrations
APPROVED

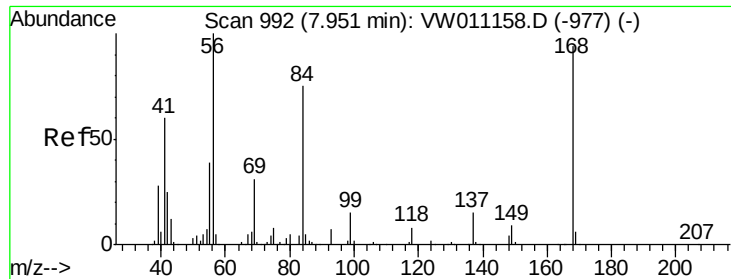
MMDadoda
7/10/2019 10:47:37 AM



#30
Chloroform
Concen: 20.153 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.4	77.2





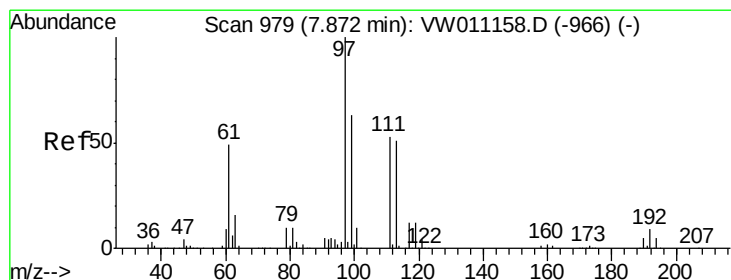
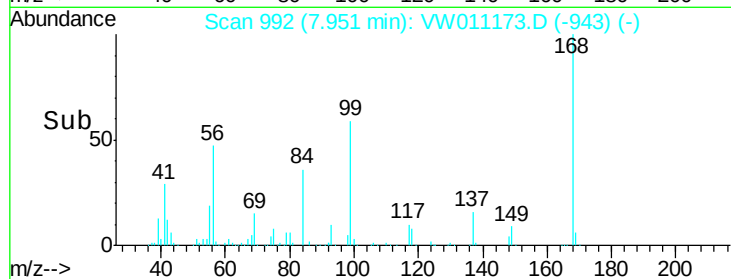
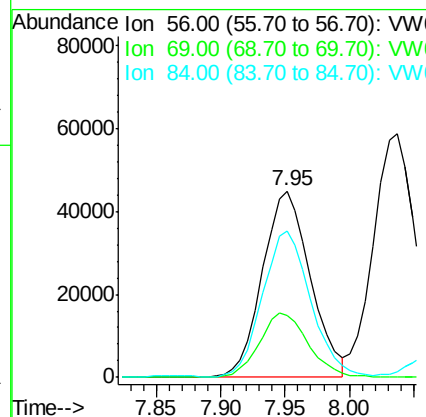
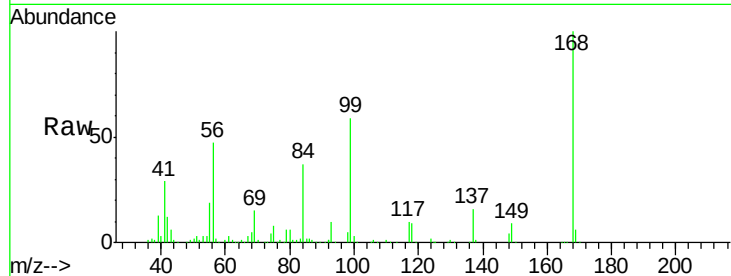
#31
Cyclohexane
Concen: 20.283 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	115984		
69	32.8		24.6	36.8
84	78.2		60.1	90.1

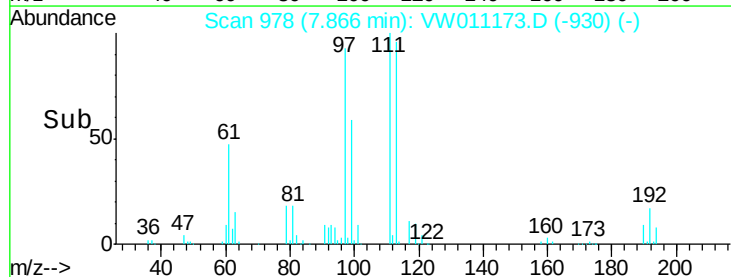
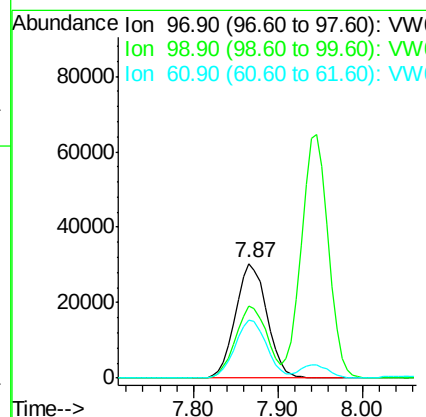
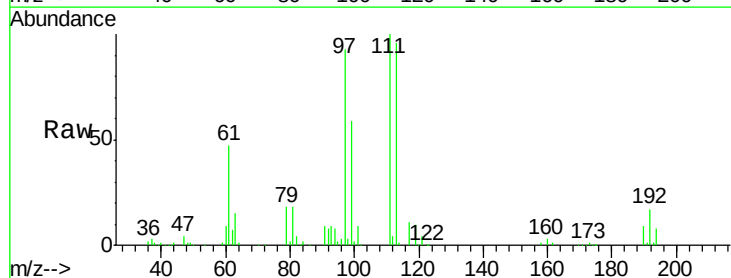
Manual Integrations
APPROVED

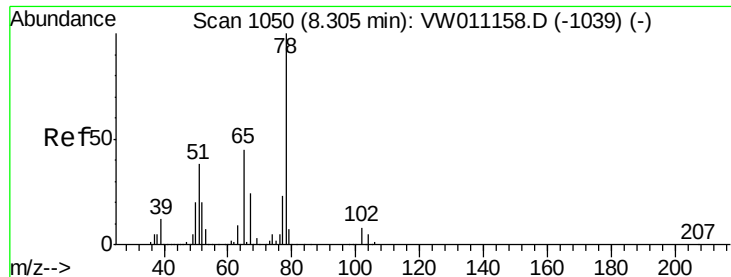
MMDadoda
7/10/2019 10:47:37 AM



#32
1,1,1-Trichloroethane
Concen: 20.244 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	76656		
99	63.0		51.0	76.4
61	50.5		40.4	60.6





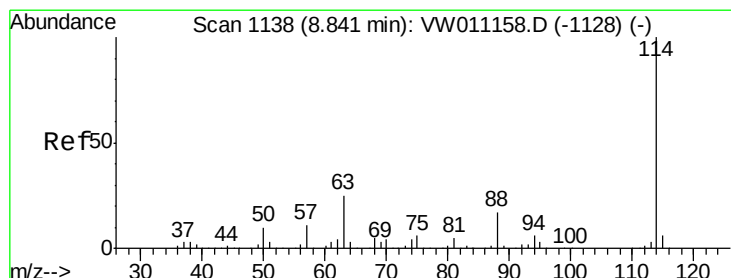
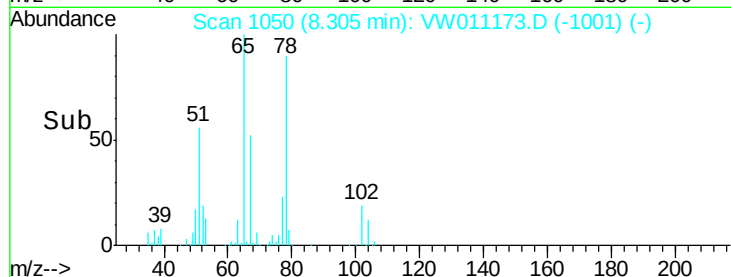
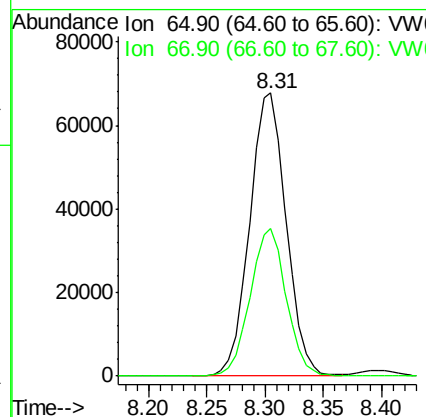
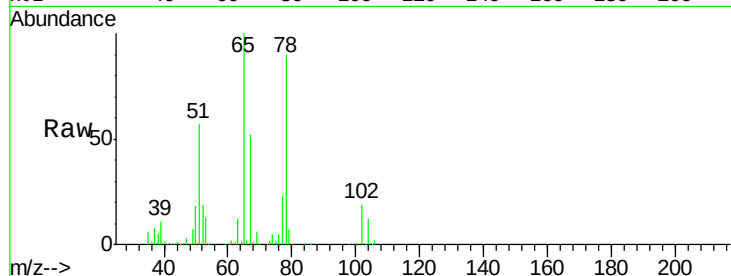
#33
 1,2-Dichloroethane-d4
 Concen: 50.256 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	104.4	

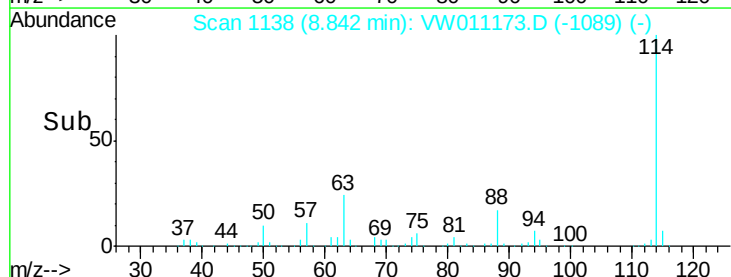
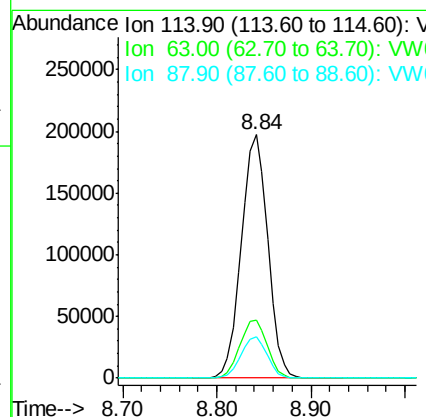
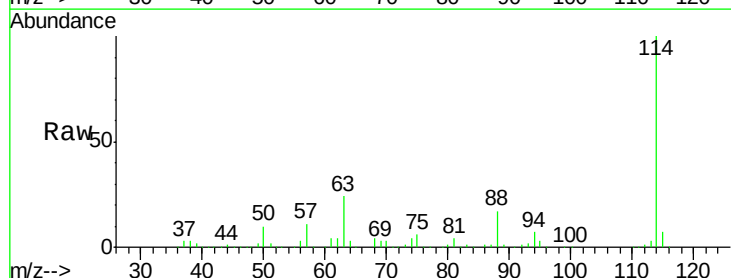
Manual Integrations
 APPROVED

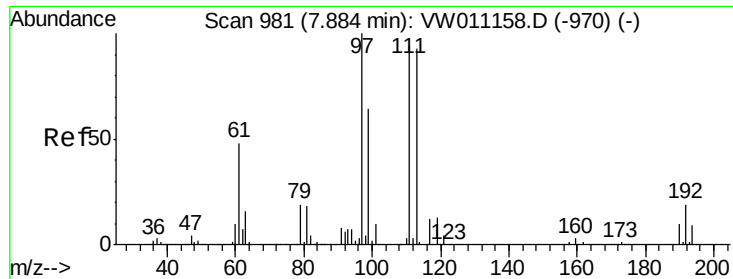
MMDadoda
 7/10/2019 10:47:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.8	0.0	50.8	
88	16.9	0.0	34.2	





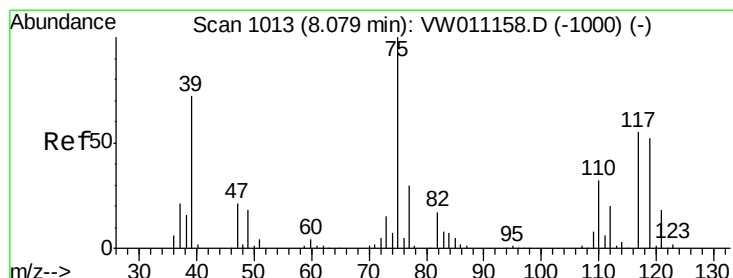
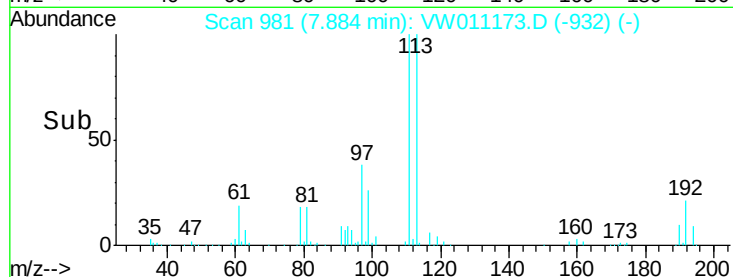
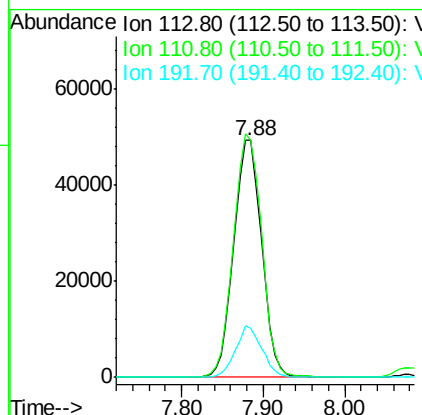
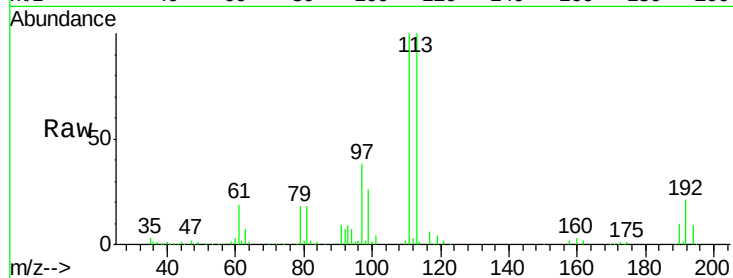
#35
 Dibromofluoromethane
 Concen: 50.714 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampled :
 VW0709SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116785		
111	103.5	82.4	123.6	
192	20.3	15.8	23.8	

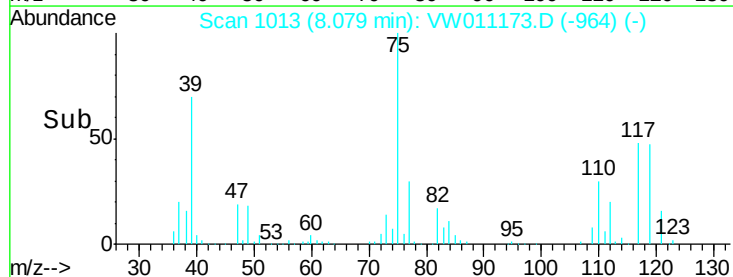
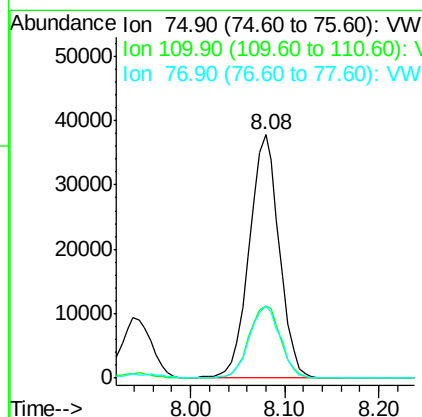
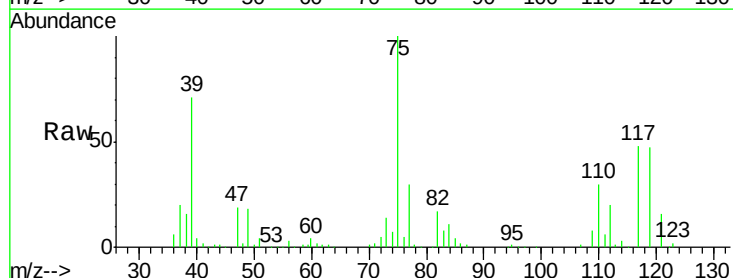
Manual Integrations
 APPROVED

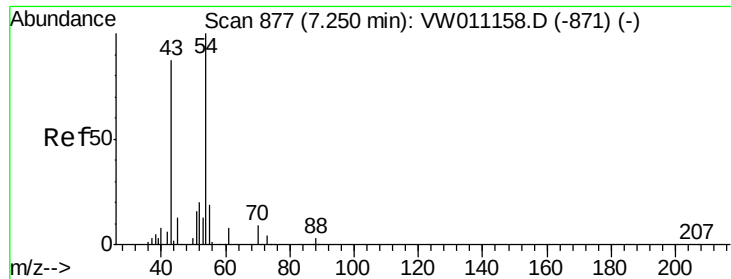
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#36
 1,1-Dichloropropene
 Concen: 20.521 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84429		
110	31.4	15.9	47.6	
77	30.8	24.6	36.8	





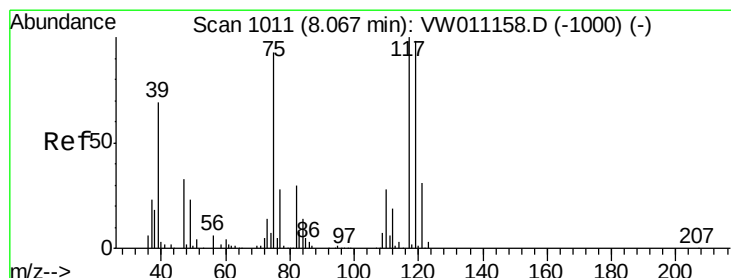
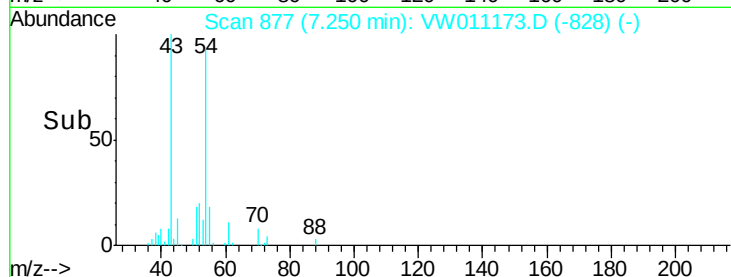
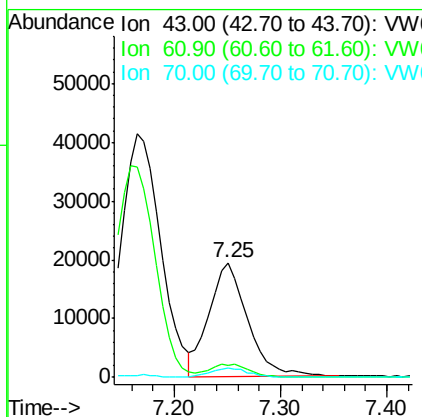
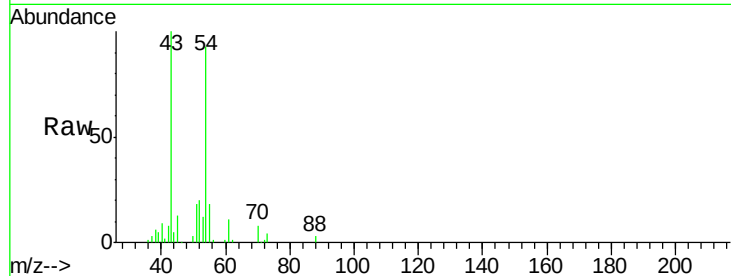
#37
Ethyl Acetate
Concen: 19.480 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.5	14.3
70	8.5	7.1	10.7

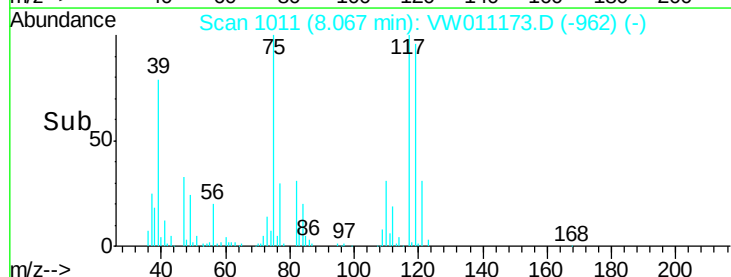
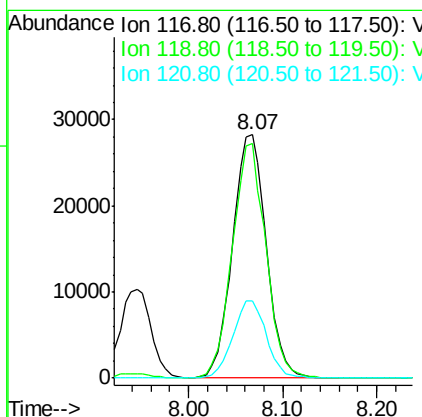
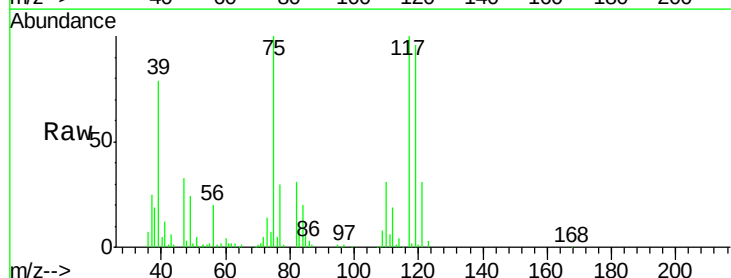
Manual Integrations
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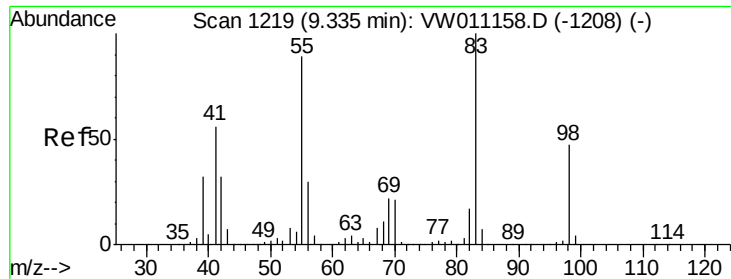
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#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
121	31.6	25.1	37.7





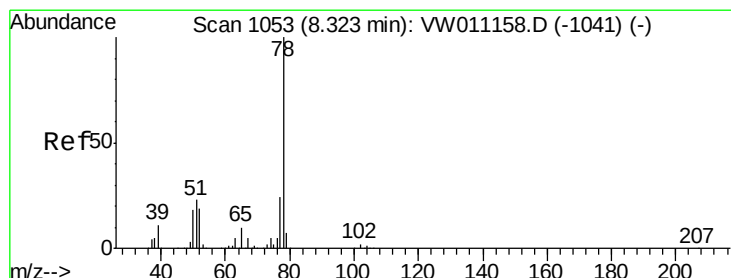
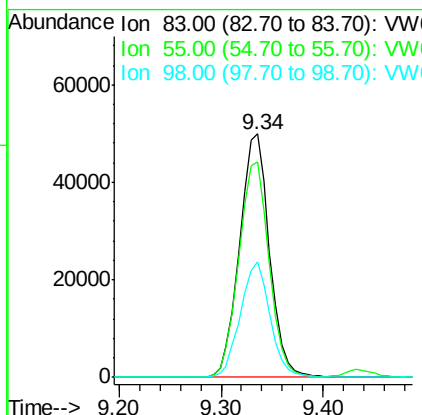
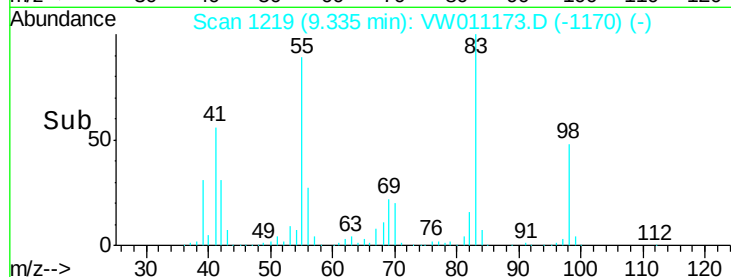
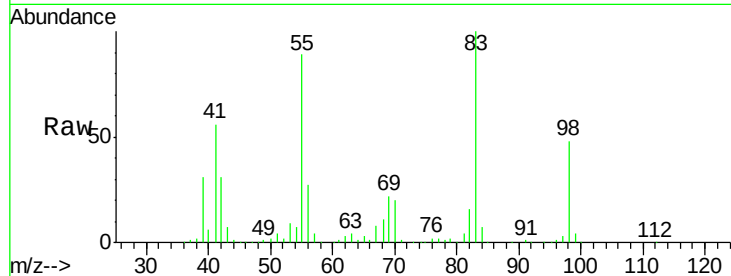
#39
Methylvlcyclohexane
Concen: 20.415 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	83	Resp	101801
Ion Ratio	Lower	Upper	
83	100		
55	88.6	71.2	106.8
98	47.7	37.5	56.3

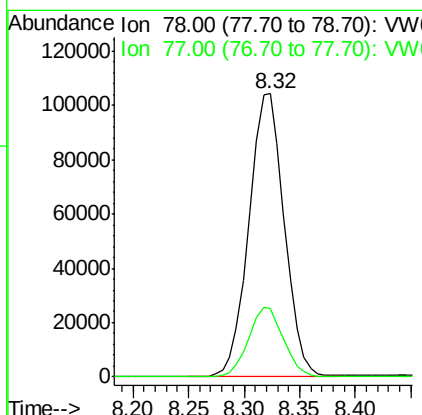
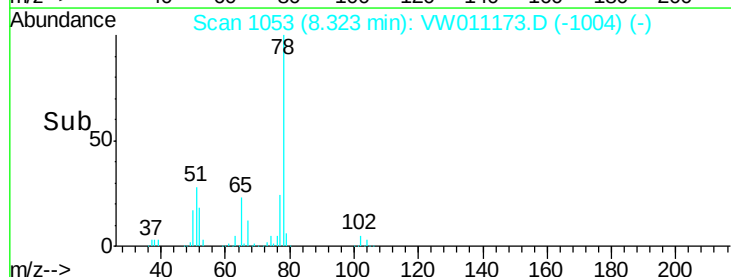
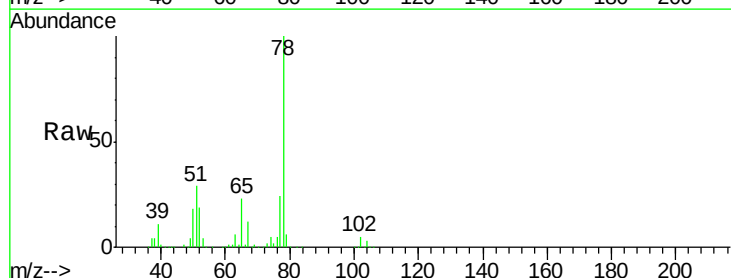
Manual Integrations
APPROVED

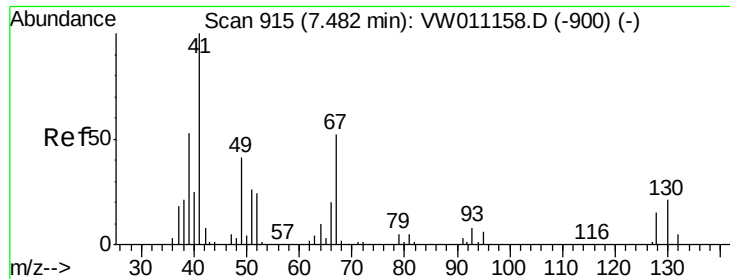
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#40
Benzene
Concen: 20.350 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	78	Resp	231385
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.0	28.6





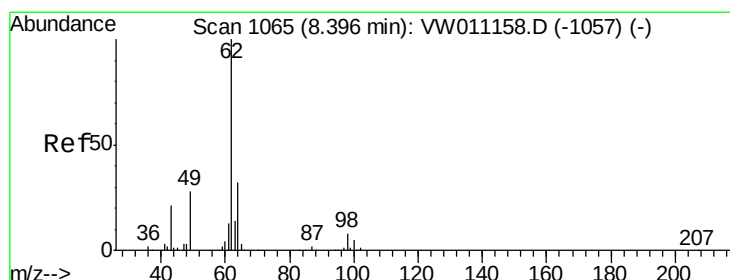
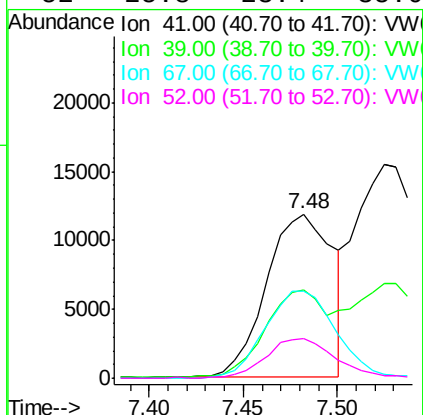
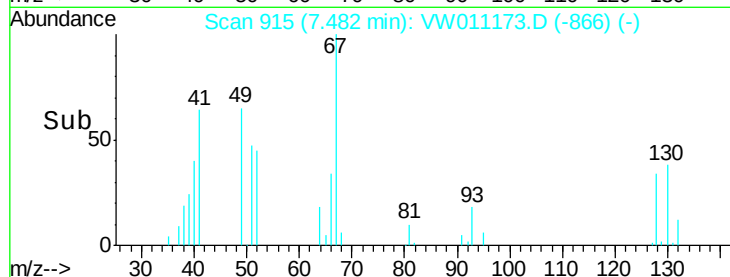
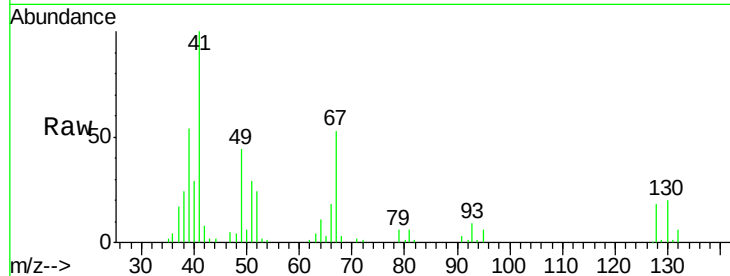
#41
Methacrylonitrile
Concen: 20.657 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	41	Resp	29205
Ion Ratio	Lower	Upper	
41	100		
39	46.6	48.0	72.0#
67	57.6	49.7	74.5
52	25.8	23.4	35.0

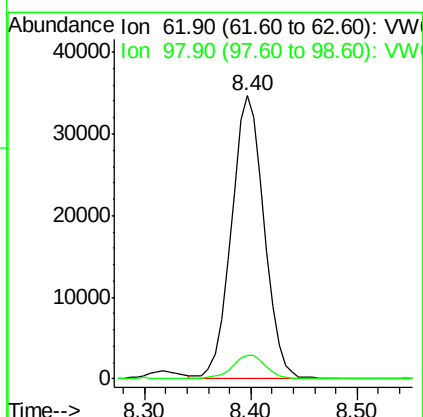
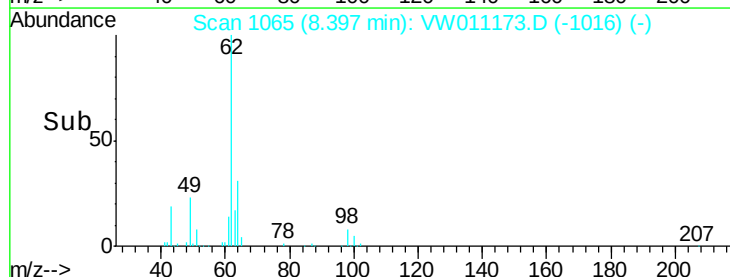
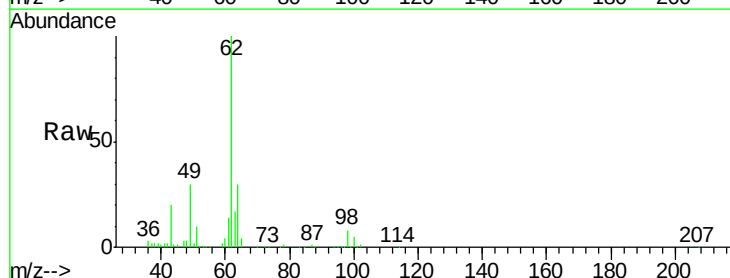
Manual Integrations
APPROVED

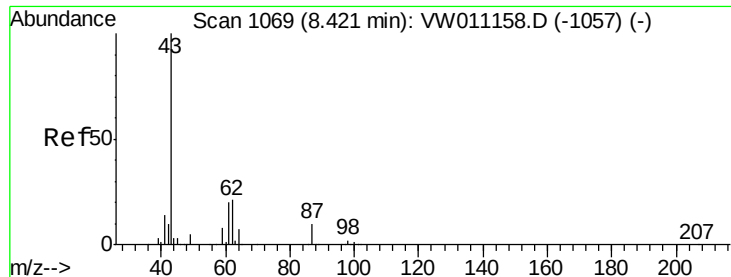
MMDadoda
7/10/2019 10:47:37 AM



#42
1,2-Dichloroethane
Concen: 20.287 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	62	Resp	74827
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.501 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

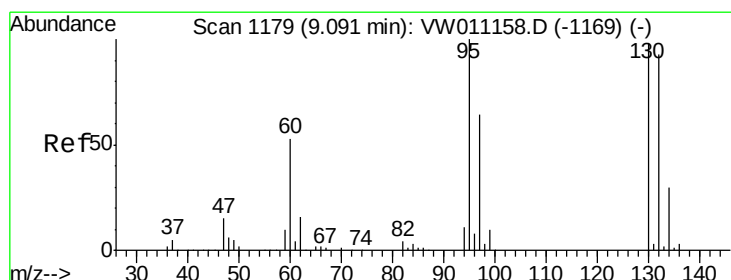
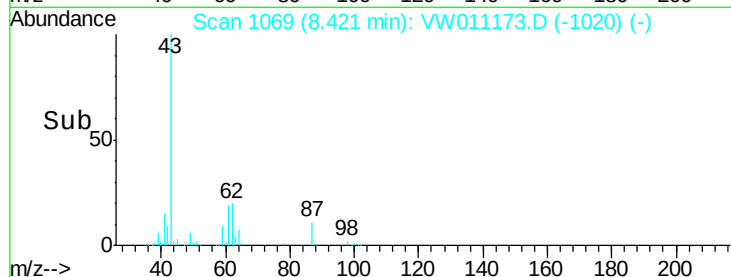
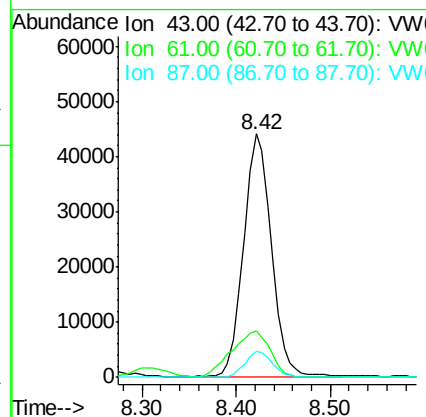
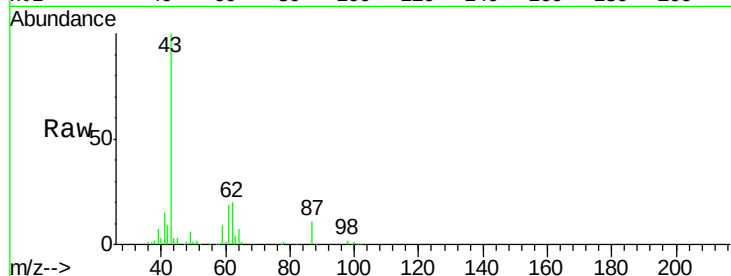
ClientSampleId :

VW0709SBS01

Tot Ion:	43	Resp:	91010
Ion	Ratio	Lower	Upper
43	100		
61	26.7	20.7	31.1
87	10.6	8.1	12.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.547 ug/l

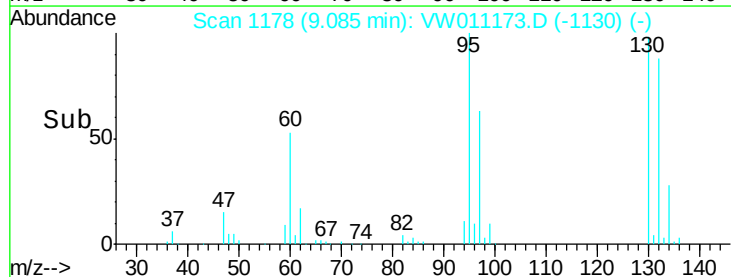
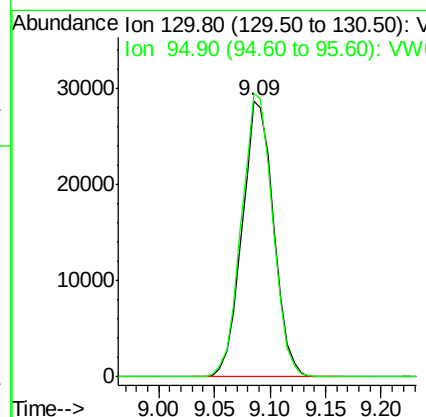
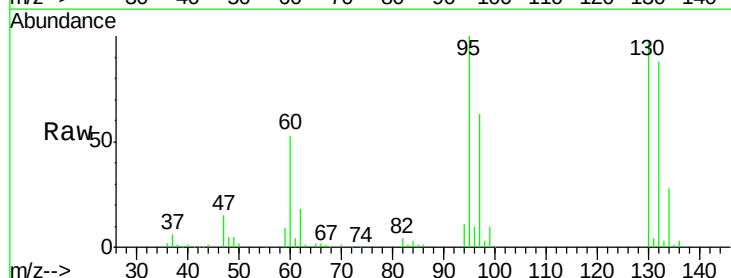
RT: 9.09 min Scan# 1178

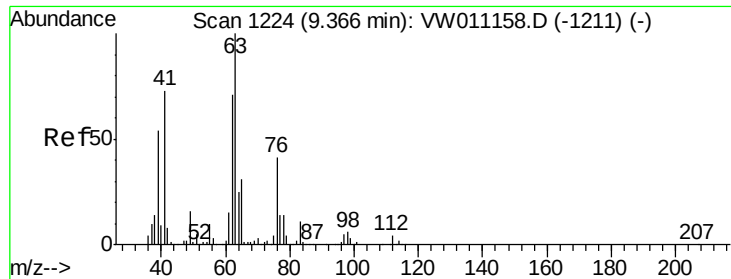
Delta R.T. -0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	130	Resp:	56219
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	203.6





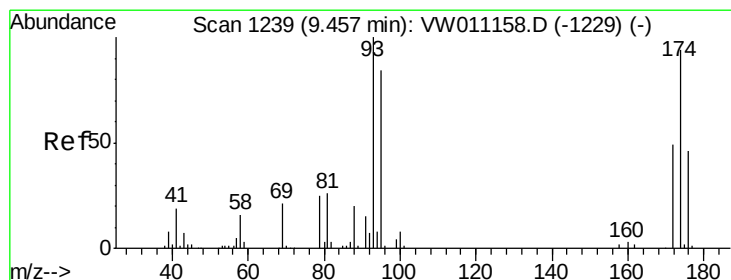
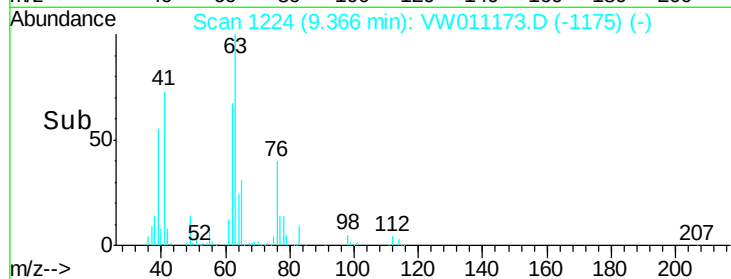
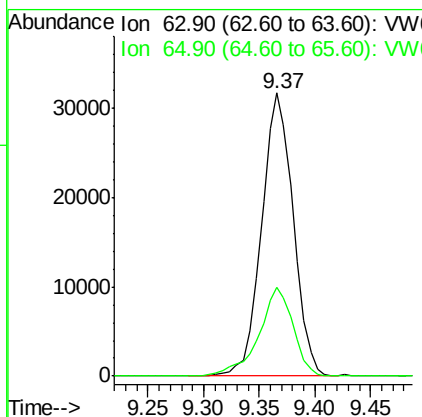
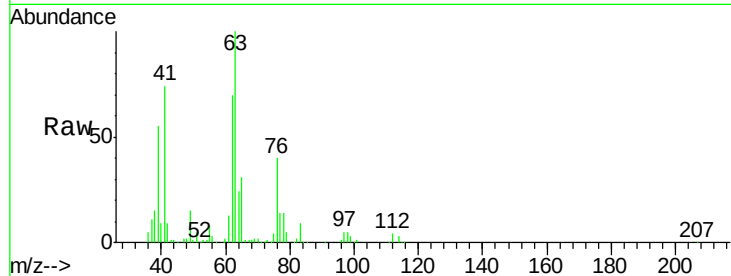
#45
 1,2-Dichloropropane
 Concen: 20.416 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampled :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.4	36.6

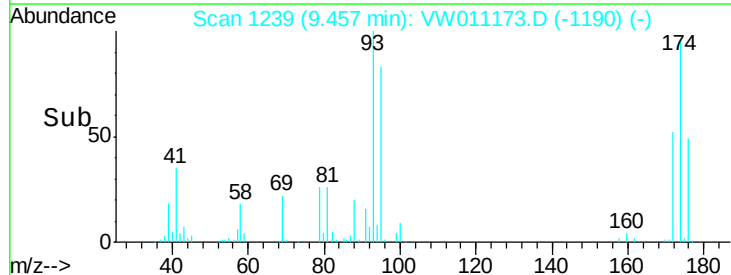
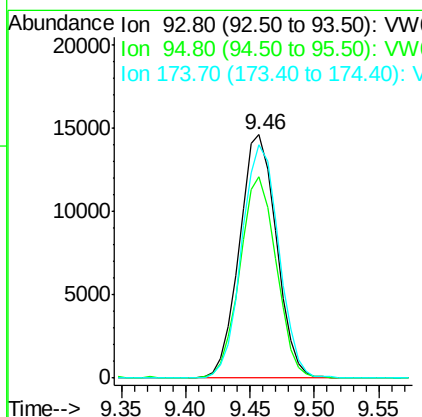
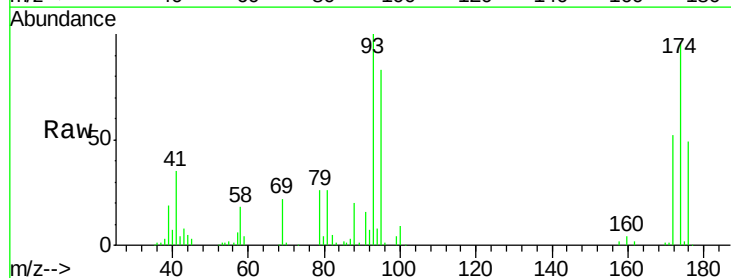
Manual Integrations
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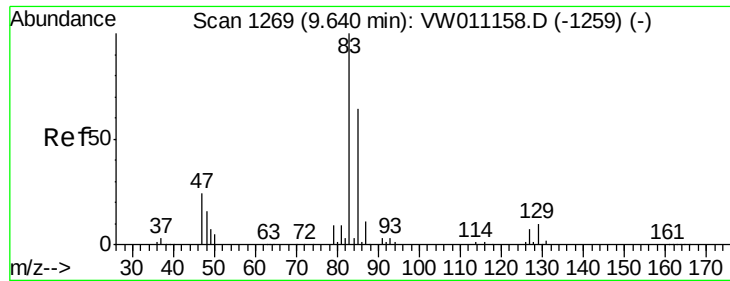
MMDadoda
 7/10/2019 10:47:37 AM



#46
 Dibromomethane
 Concen: 20.144 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	67.2	100.8
174	95.6	76.3	114.5





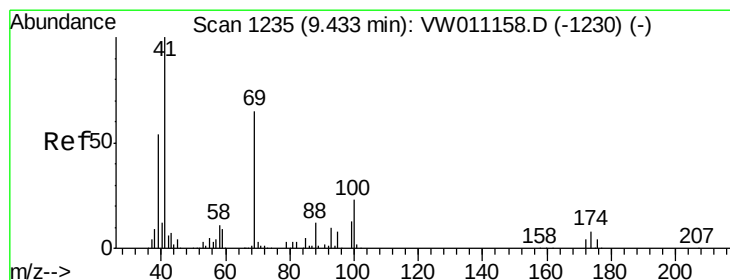
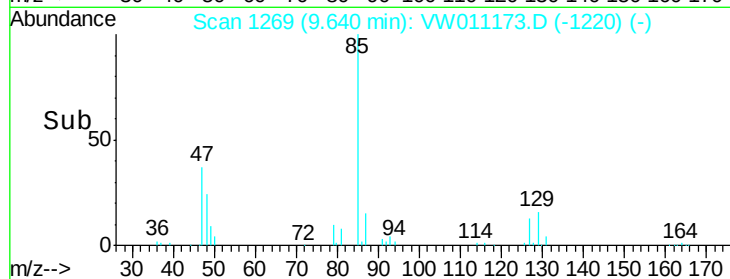
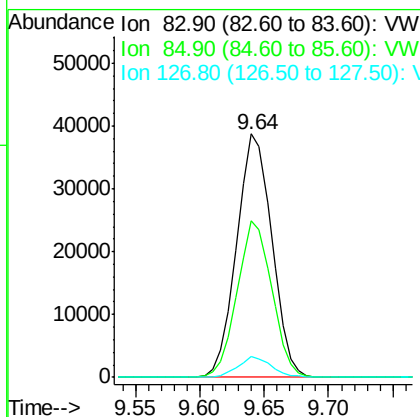
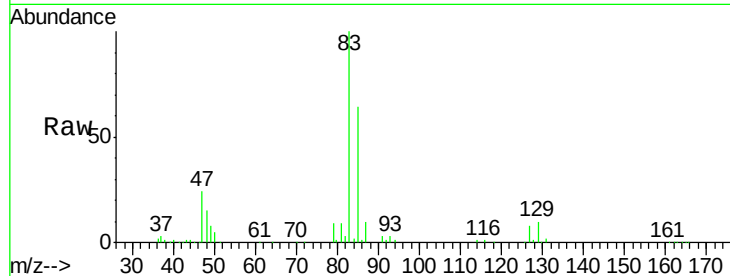
#47
Bromodichloromethane
Concen: 19.863 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	83	Resp	73507
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	51.0	76.4
127	8.3	6.0	9.0

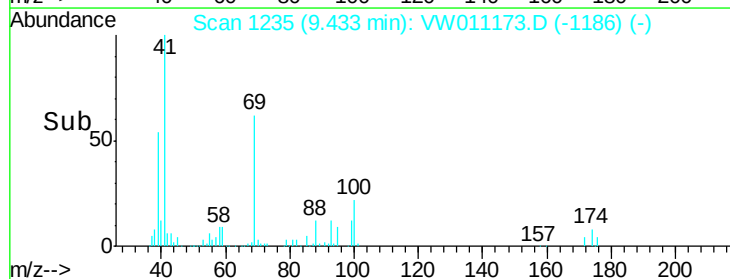
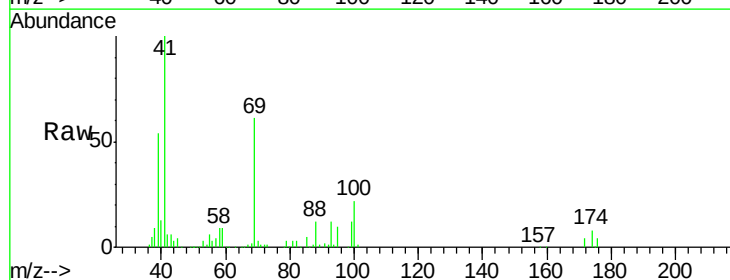
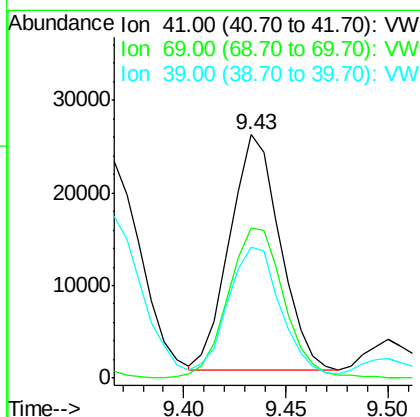
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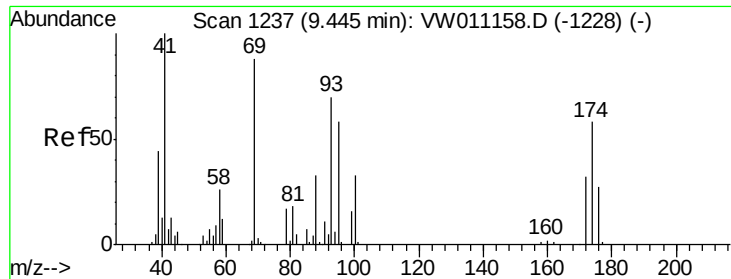
MMDadoda
7/10/2019 10:47:37 AM



#48
Methyl methacrylate
Concen: 19.441 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	41	Resp	43650
Ion Ratio	100	Lower	Upper
41	100		
69	70.0	56.0	84.0
39	55.3	43.5	65.3





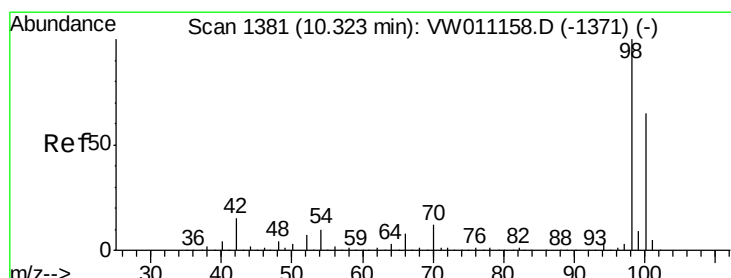
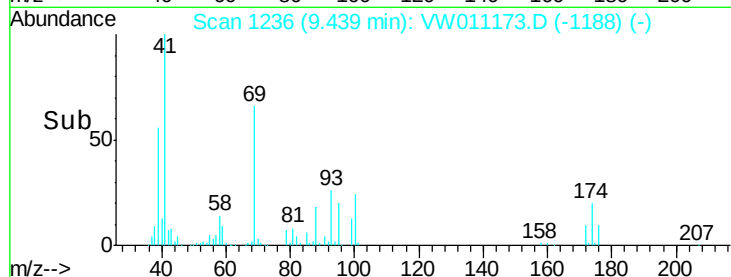
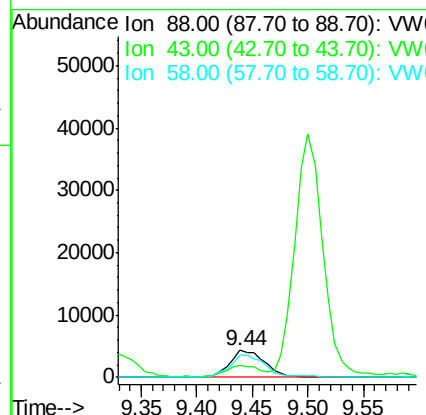
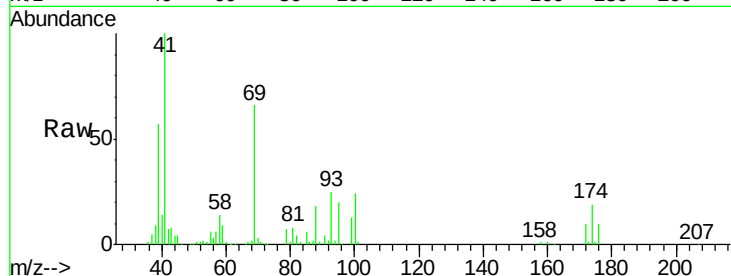
#49
1,4-Dioxane
Concen: 394.741 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tot Ion	88	Resp:	9530
Ion	Ratio	Lower	Upper
88	100		
43	38.9	33.4	50.0
58	84.1	64.5	96.7

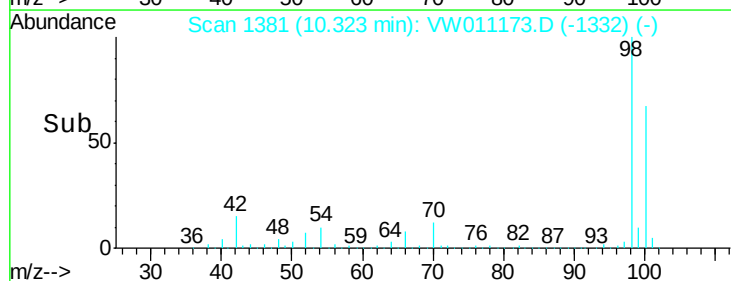
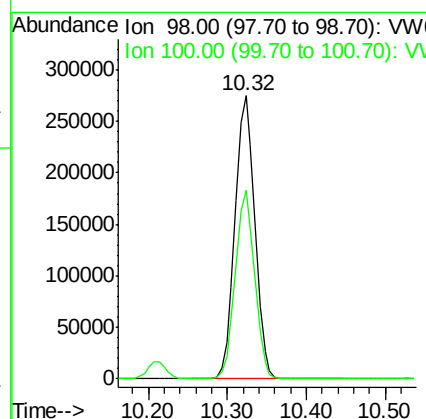
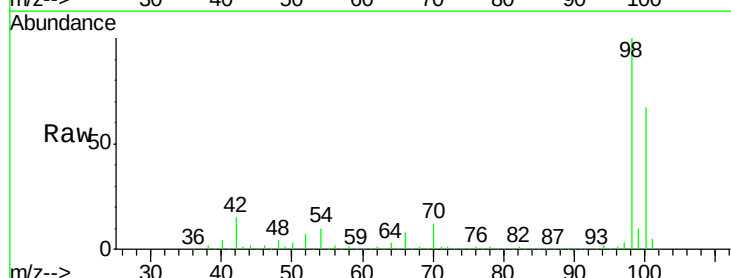
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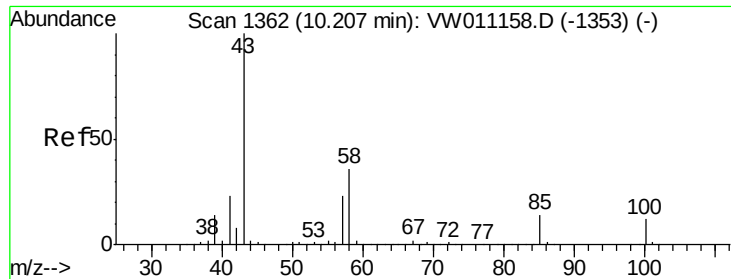
MMDadoda
7/10/2019 10:47:37 AM



#50
Toluene-d8
Concen: 51.843 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	98	Resp:	482574
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 98.781 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 43 Resp: 240821

Ion Ratio Lower Upper

43 100

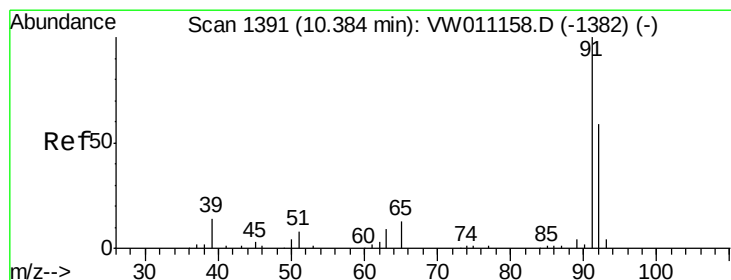
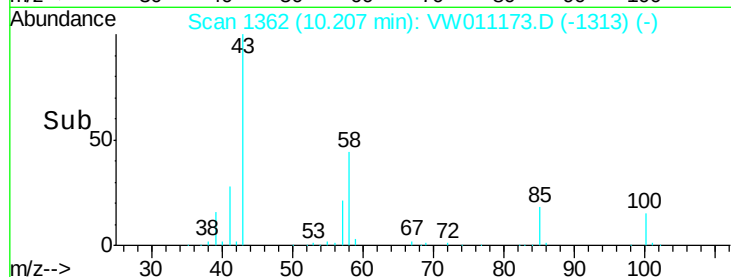
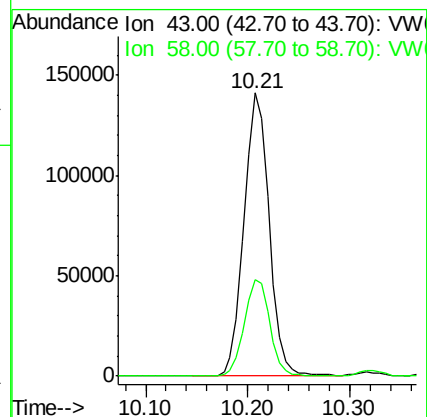
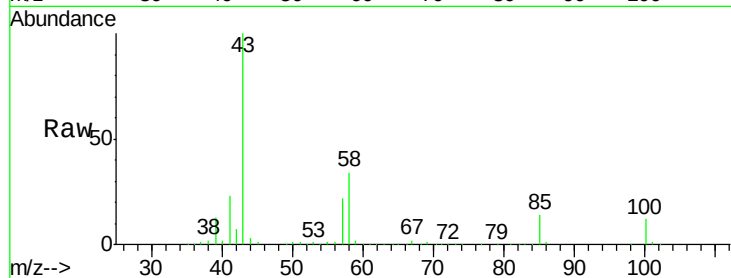
58 34.6 28.2 42.2

Manual Integrations

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#52

Toluene

Concen: 20.733 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011173.D

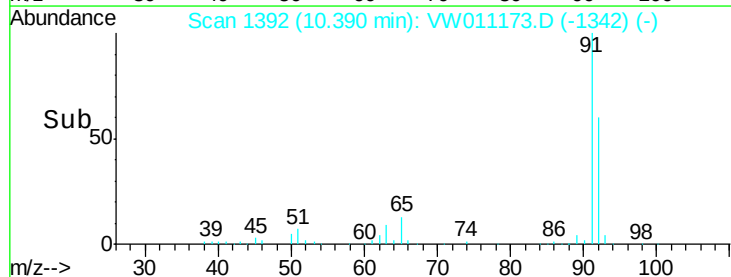
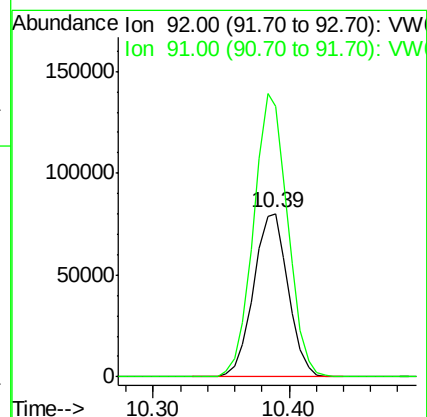
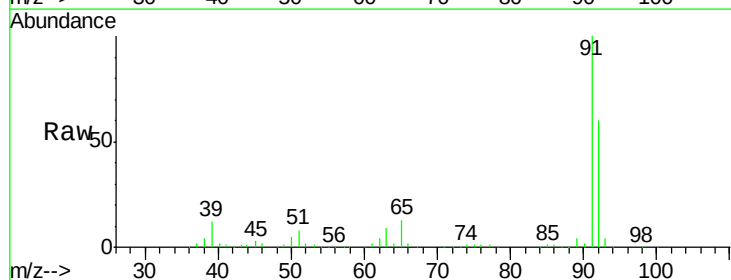
Acq: 09 Jul 2019 12:32

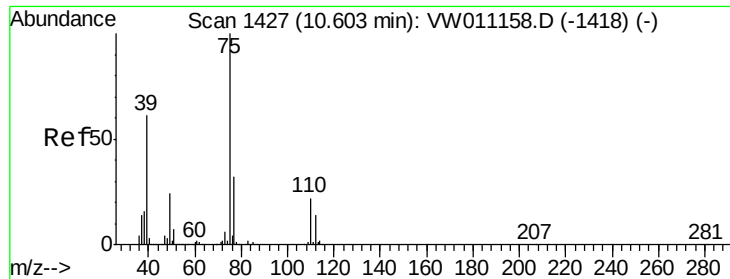
Tgt Ion: 92 Resp: 143004

Ion Ratio Lower Upper

92 100

91 170.9 136.6 205.0





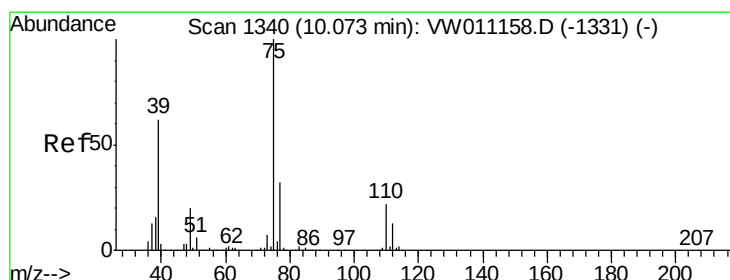
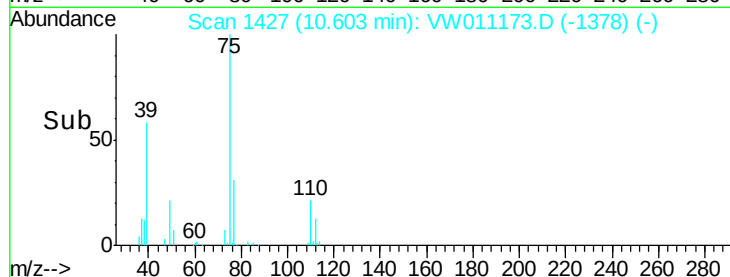
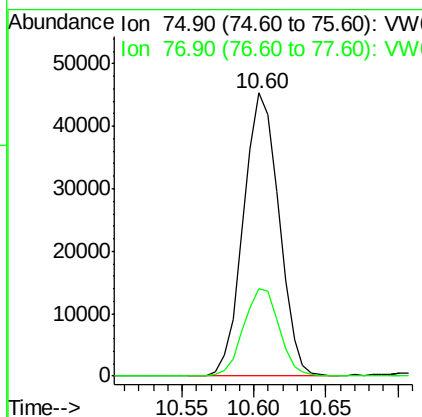
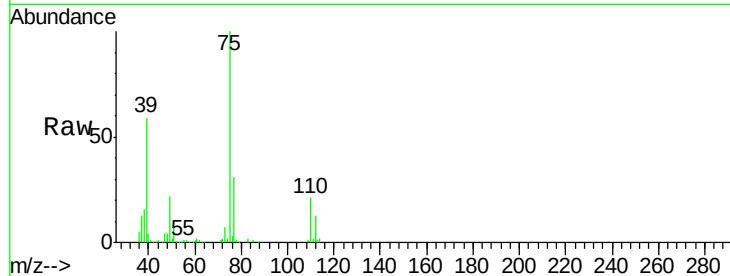
#53
 t-1,3-Dichloropropene
 Concen: 19.687 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampled :
 VW0709SBS01

Tot Ion: 75 Resp: 77552
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0

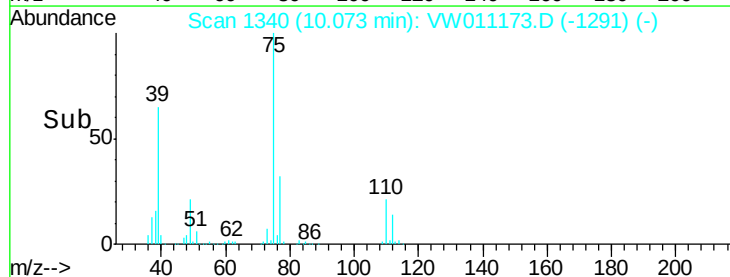
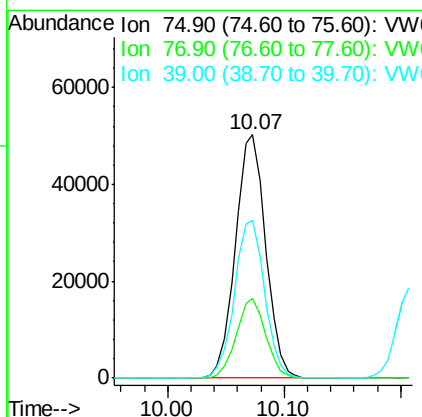
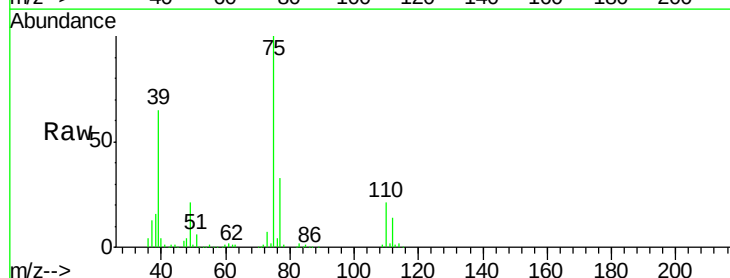
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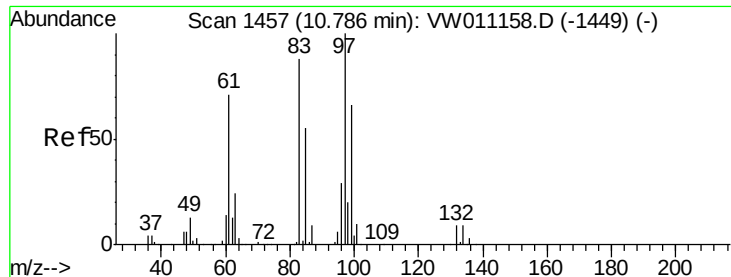
MMDadoda
 7/10/2019 10:47:37 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.666 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 75 Resp: 91186
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.7 38.5
 39 64.8 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 20.338 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 97 Resp: 41732

Ion Ratio Lower Upper

97 100

83 79.0 70.2 105.4

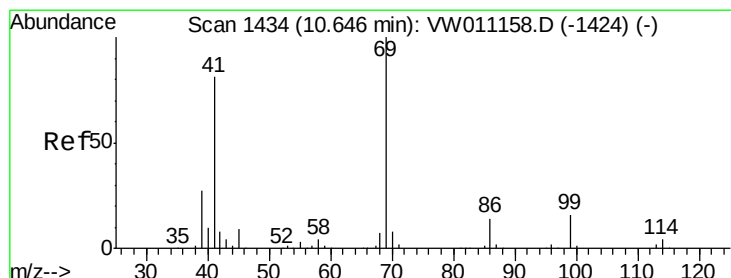
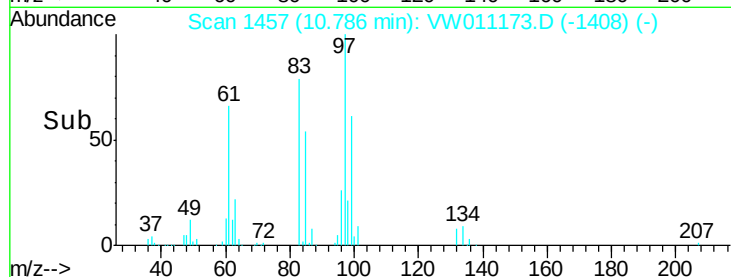
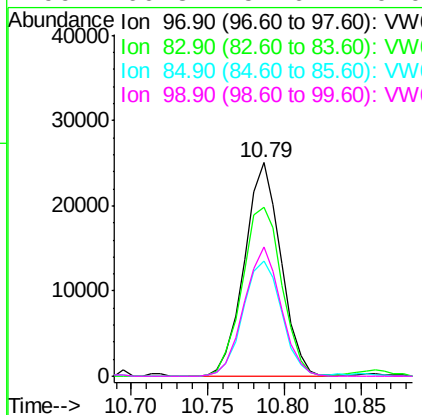
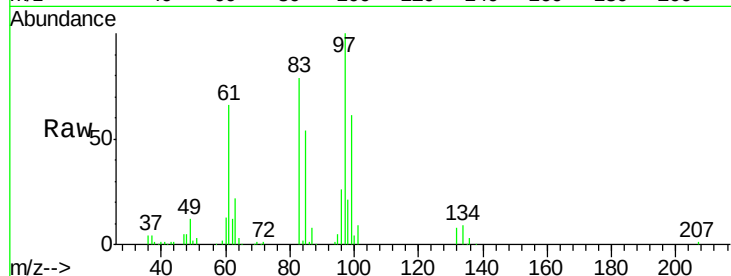
85 53.8 44.2 66.2

99 60.8 52.6 79.0

Manual Integrations
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MMDadoda

7/10/2019 10:47:37 AM



#56

Ethyl methacrylate

Concen: 19.385 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

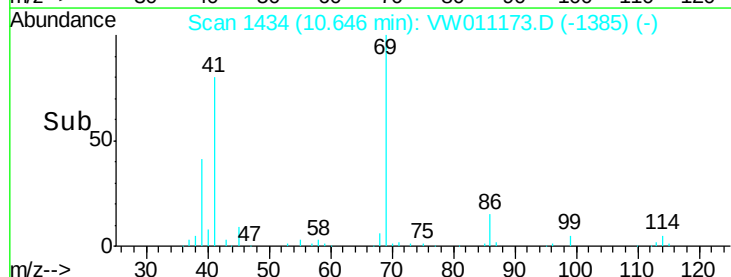
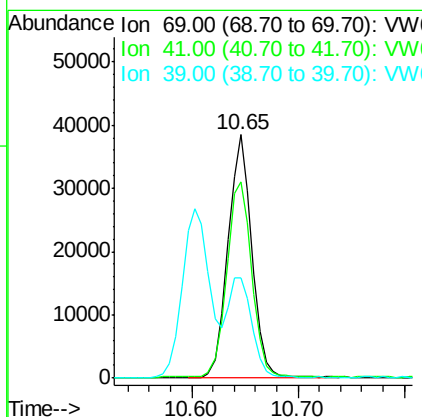
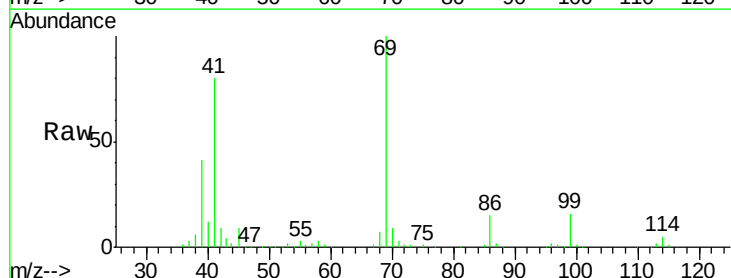
Tgt Ion: 69 Resp: 60557

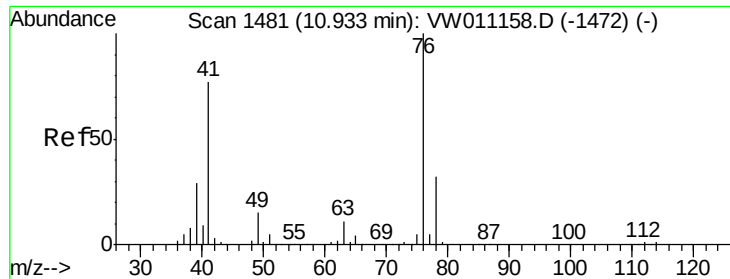
Ion Ratio Lower Upper

69 100

41 83.3 66.5 99.7

39 40.4 32.5 48.7





#57

1,3-Dichloropropane

Concen: 20.110 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tot Ion: 76 Resp: 78031

Ion Ratio Lower Upper

76 100

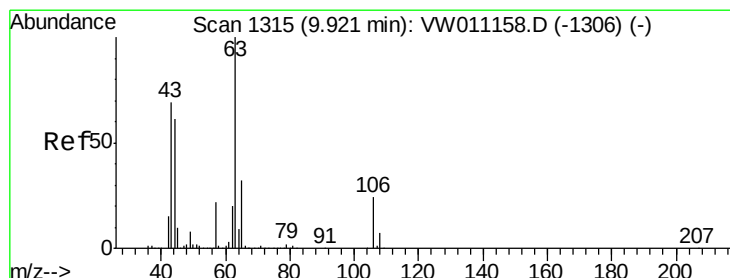
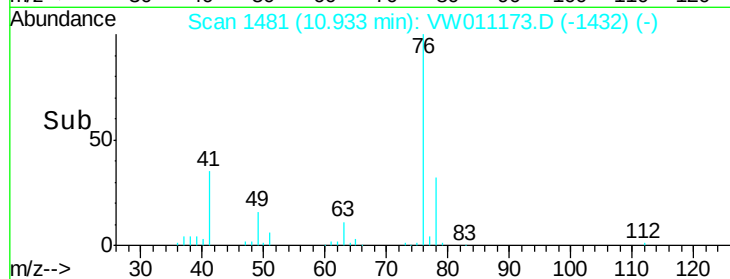
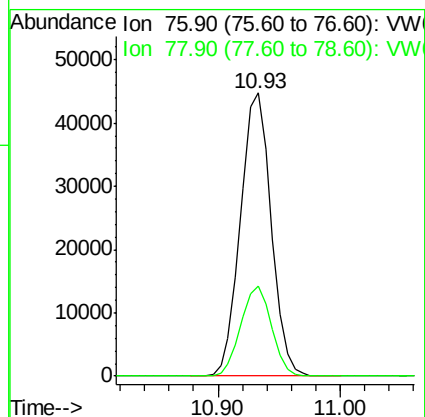
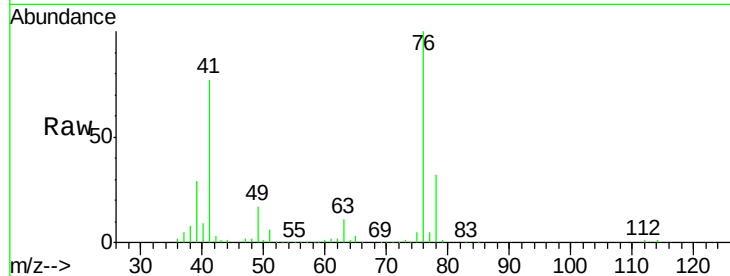
78 31.7 26.2 39.2

Manual Integrations

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MMDadoda

7/10/2019 10:47:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 108.634 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011173.D

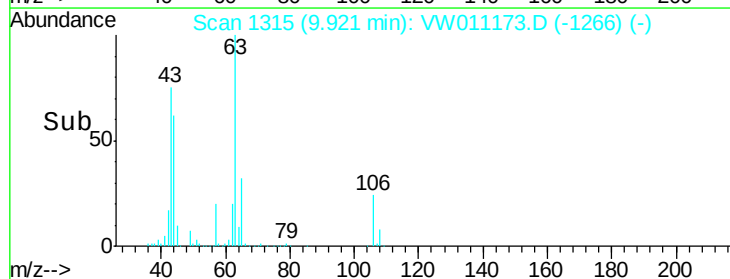
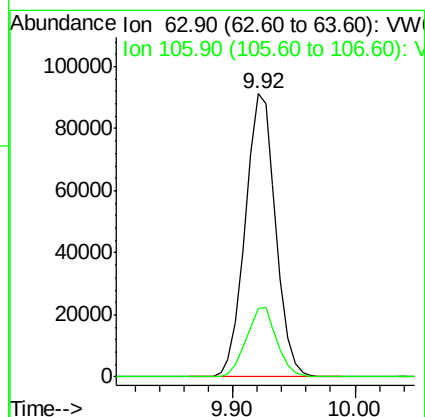
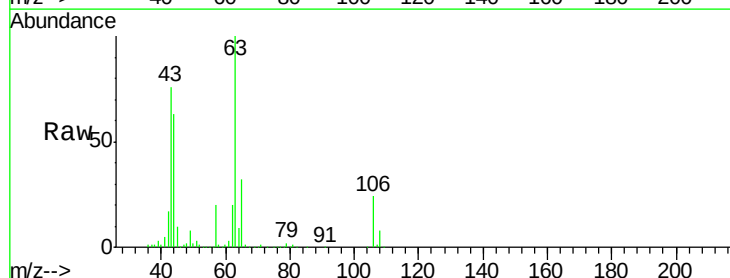
Acq: 09 Jul 2019 12:32

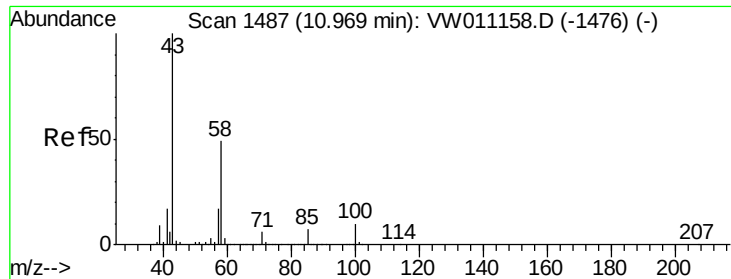
Tgt Ion: 63 Resp: 157332

Ion Ratio Lower Upper

63 100

106 24.5 19.4 29.0





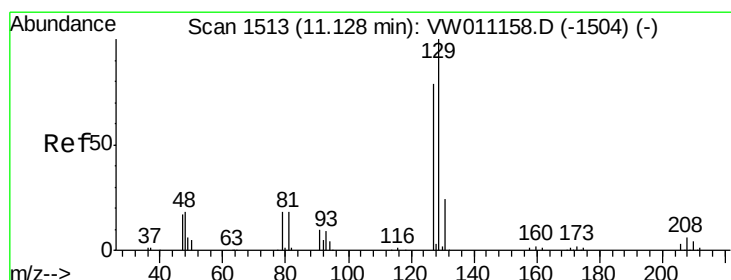
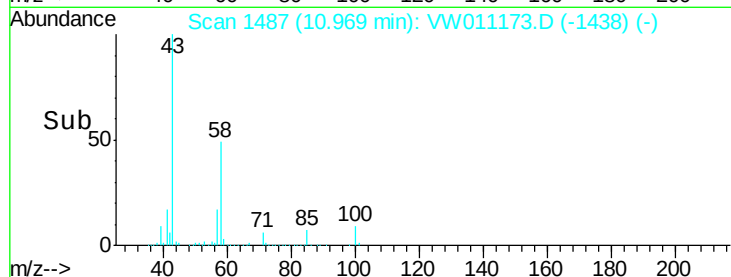
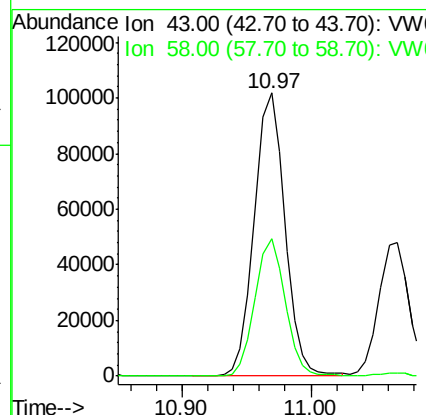
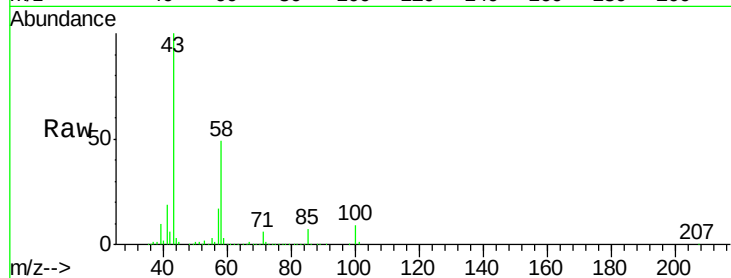
#59
2-Hexanone
Concen: 98.872 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion: 43 Resp: 167164
Ion Ratio Lower Upper
43 100
58 48.1 24.4 73.4

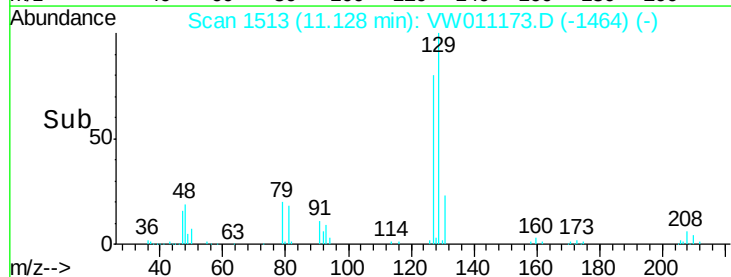
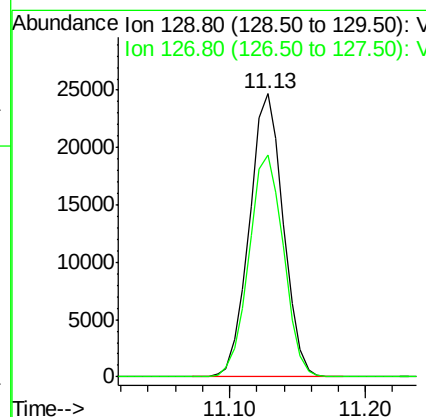
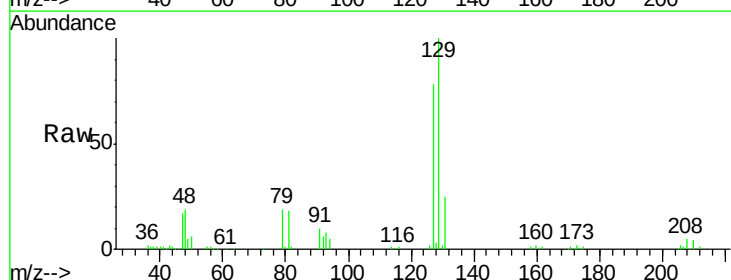
Manual Integrations
APPROVED

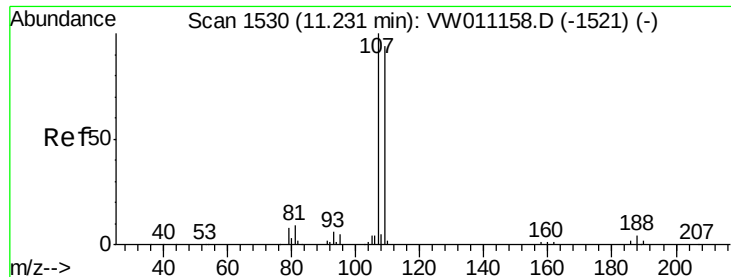
MMDadoda
7/10/2019 10:47:37 AM



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 129 Resp: 43133
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.3





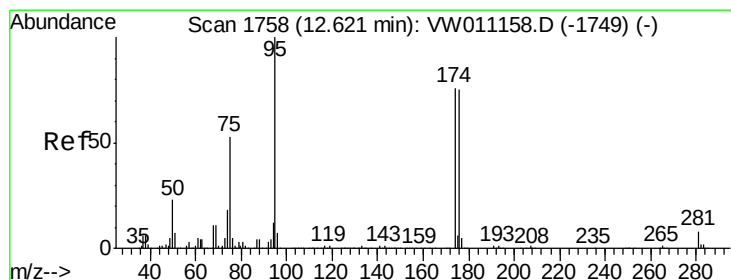
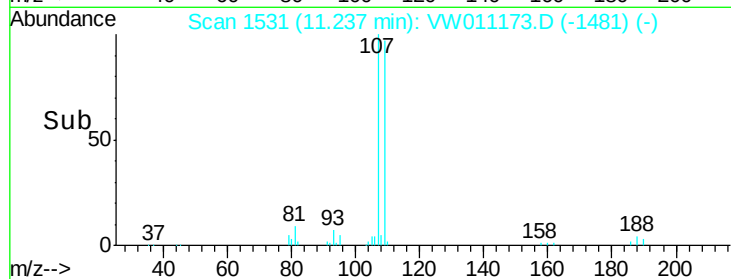
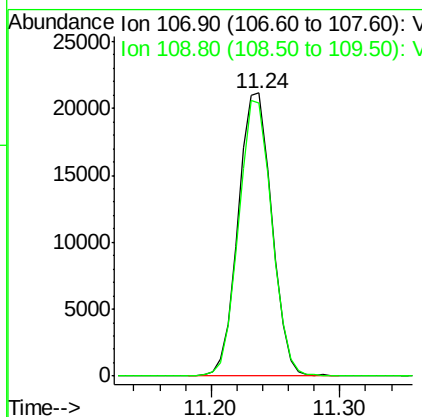
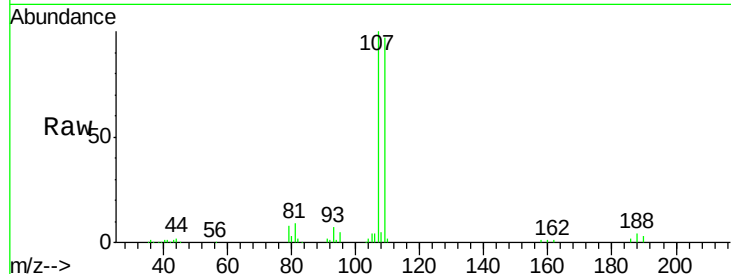
#61
 1,2-Dibromoethane
 Concen: 19.622 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.2	112.8

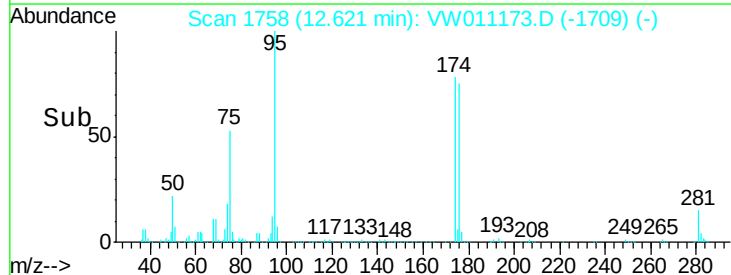
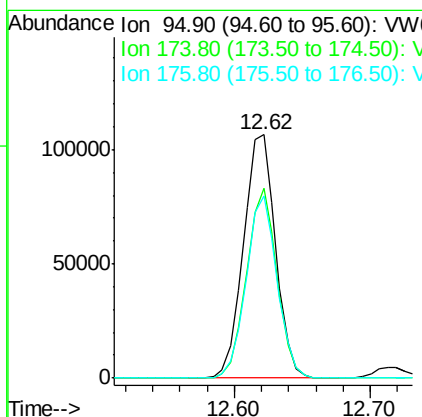
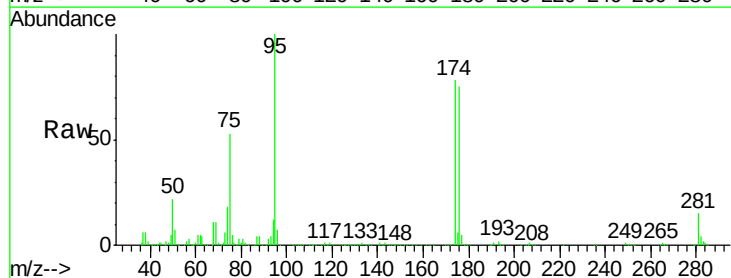
Manual Integrations
 APPROVED

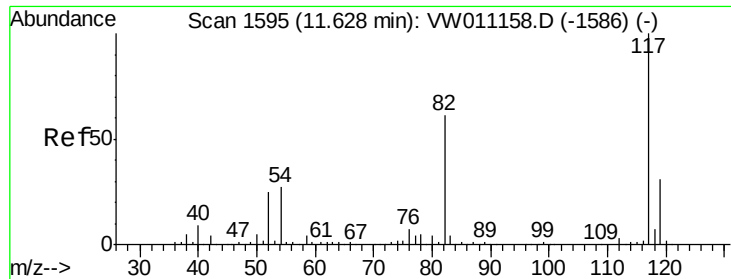
MMDadoda
 7/10/2019 10:47:37 AM



#62
 4-Bromofluorobenzene
 Concen: 51.503 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.6
176	72.2	0.0	144.6





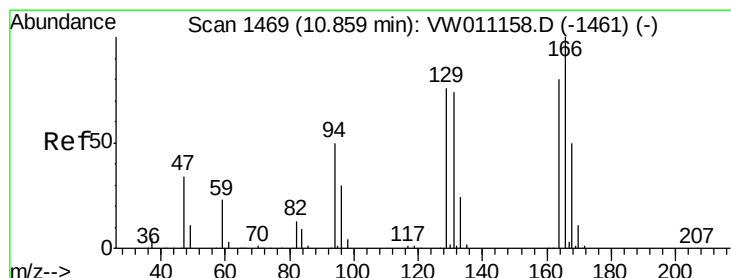
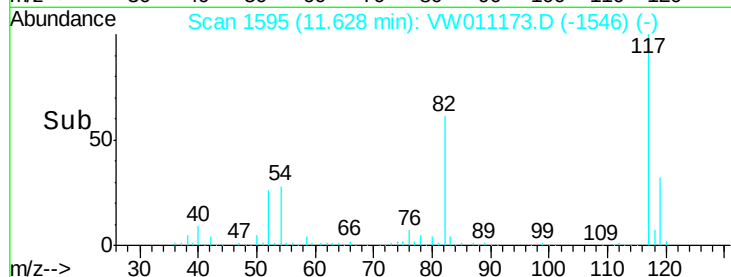
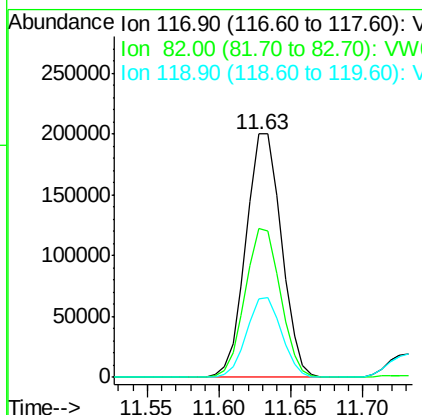
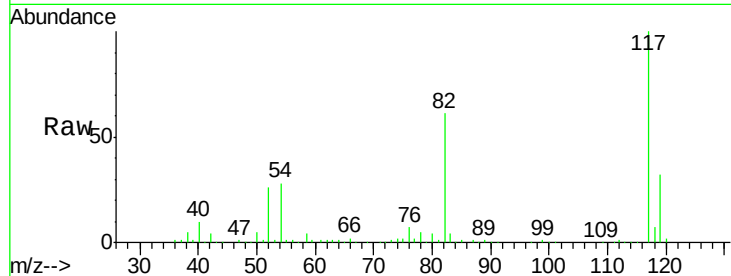
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	48.9	73.3
119	32.3	25.0	37.6

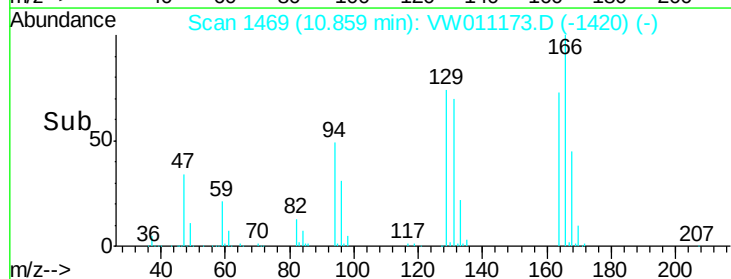
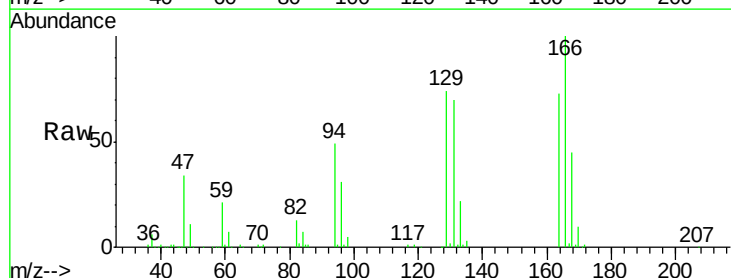
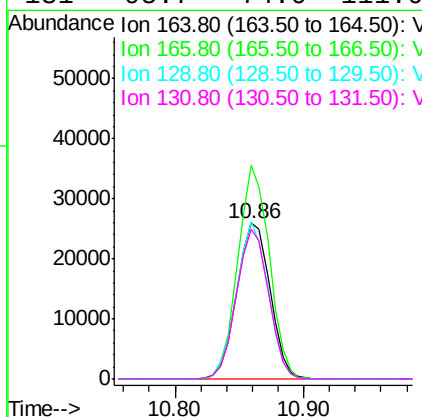
Manual Integrations
APPROVED

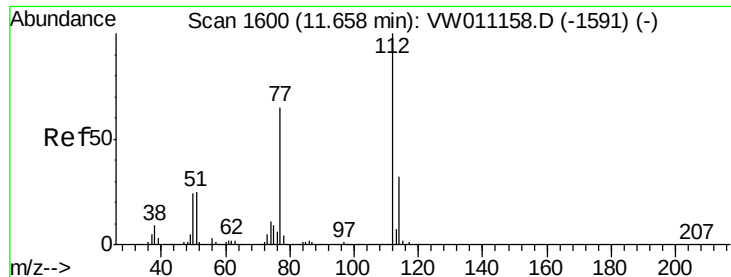
MMDadoda
7/10/2019 10:47:37 AM



#64
Tetrachloroethene
Concen: 20.075 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.1	99.7	149.5
129	101.2	76.2	114.2
131	95.7	74.0	111.0





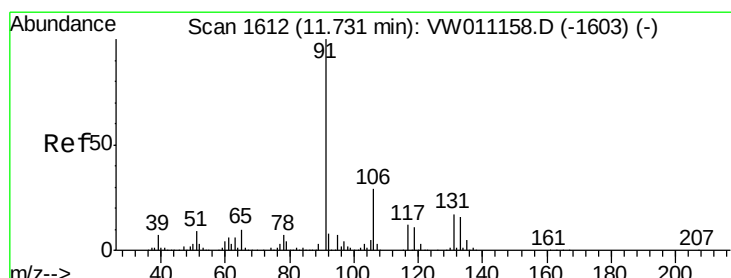
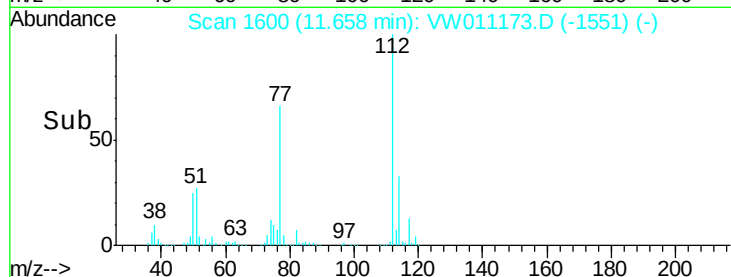
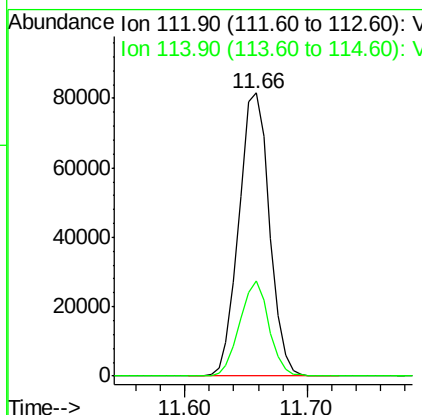
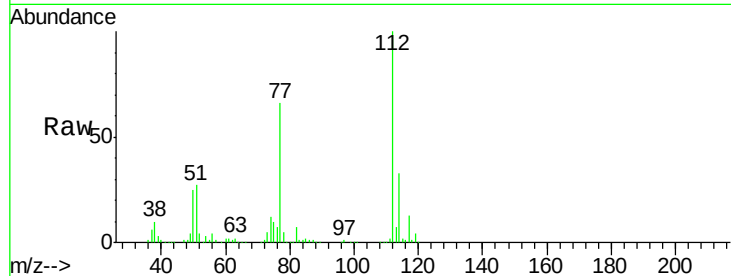
#65
Chlorobenzene
Concen: 20.342 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.5	38.3

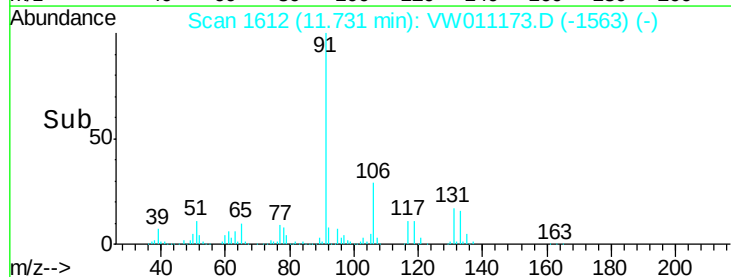
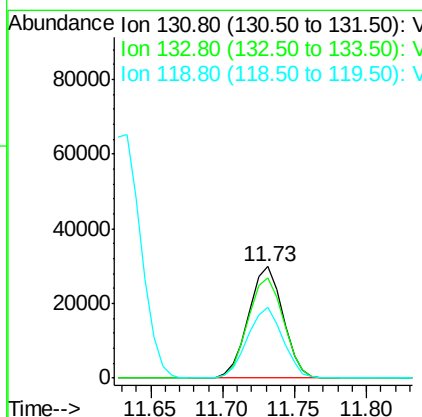
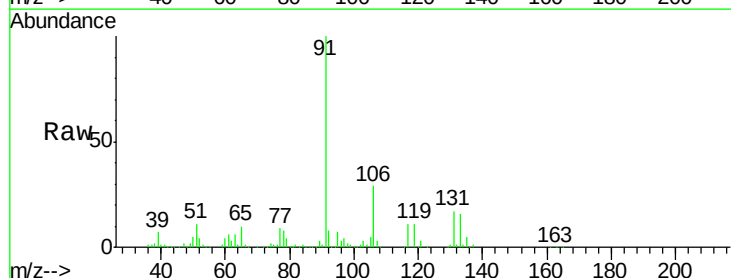
Manual Integrations
APPROVED

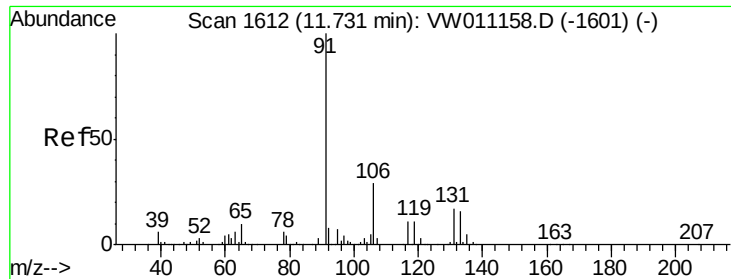
MMDadoda
7/10/2019 10:47:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.211 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.9	143.8
119	64.8	33.1	99.2





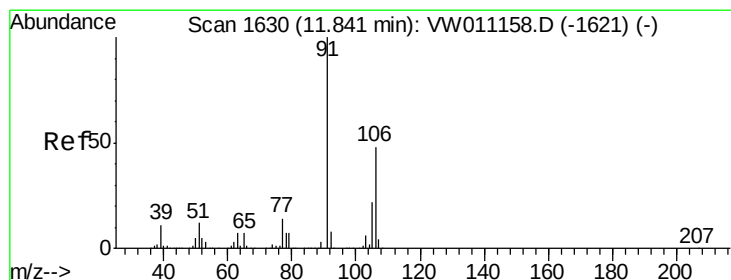
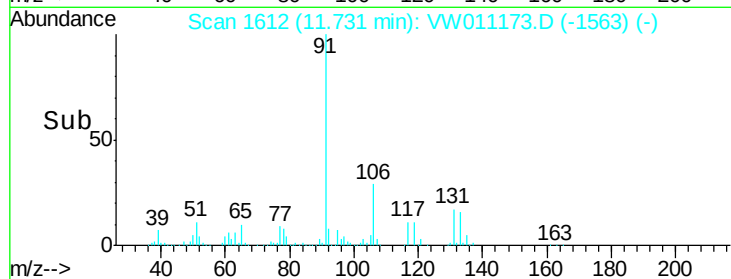
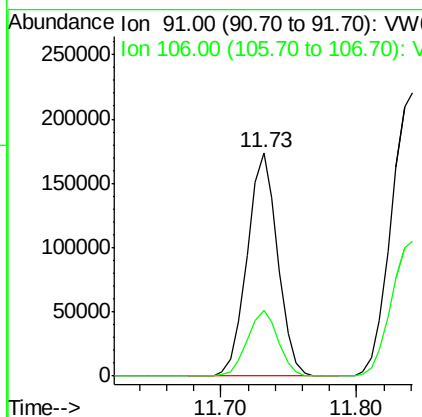
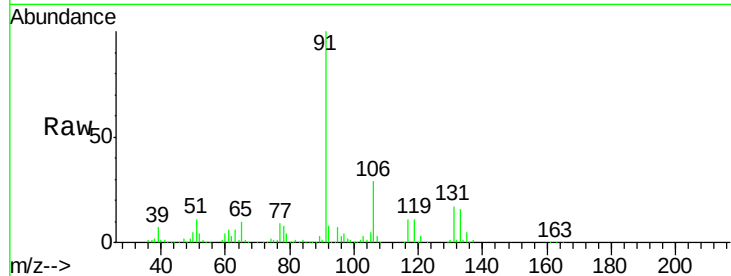
#67
Ethyl Benzene
Concen: 20.533 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.2	23.5	35.3

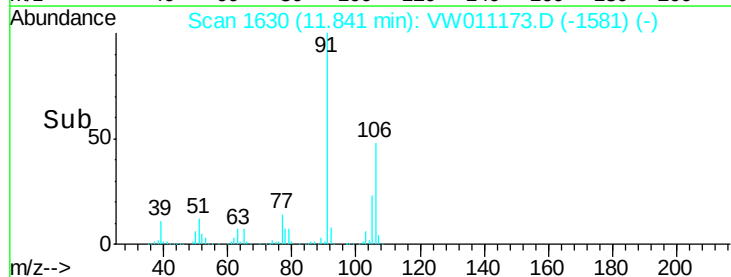
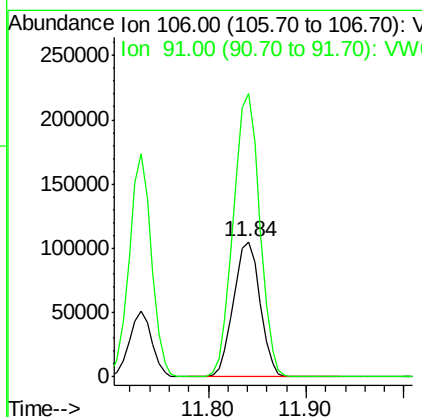
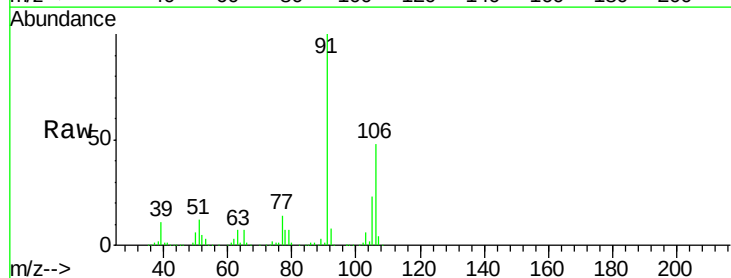
Manual Integrations
APPROVED

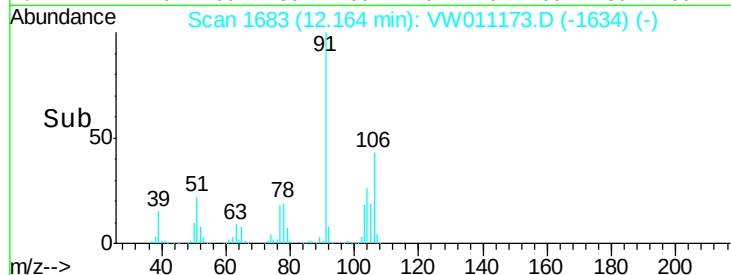
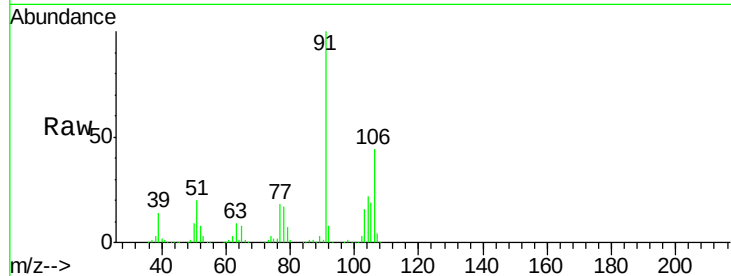
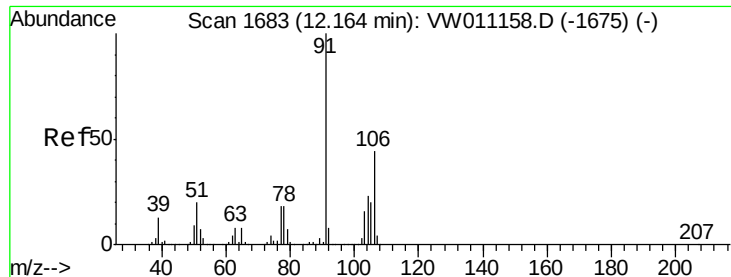
MMDadoda
7/10/2019 10:47:37 AM



#68
m/p-Xylenes
Concen: 41.290 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.4	167.7	251.5





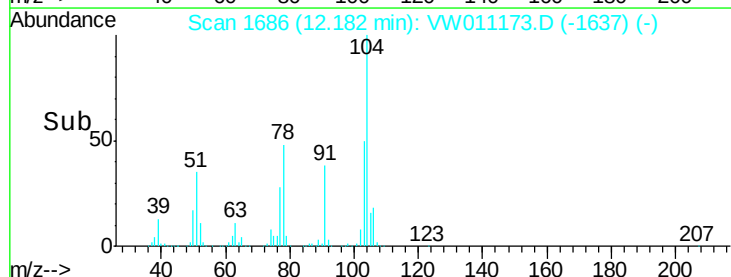
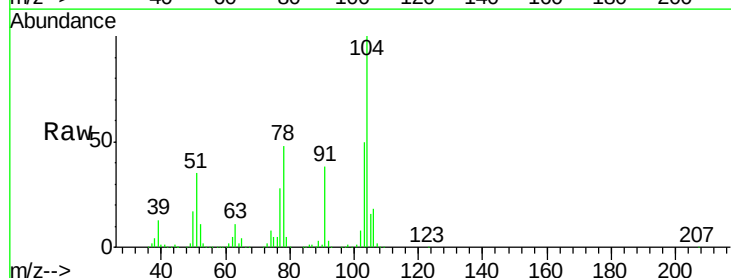
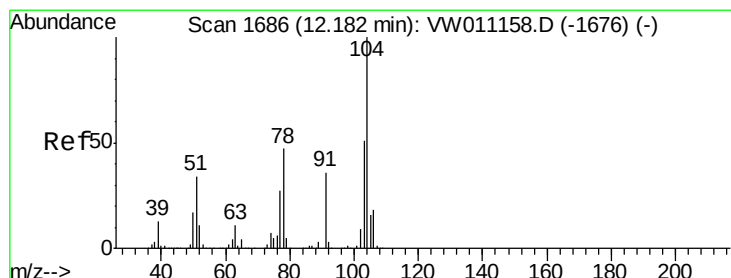
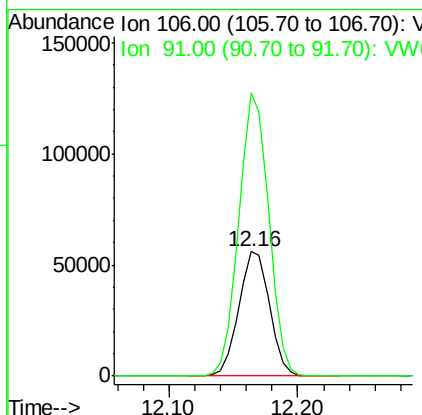
#69
o-Xylene
Concen: 20.321 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tot Ion:106 Resp: 92274
Ion Ratio Lower Upper
106 100
91 222.4 110.7 332.1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

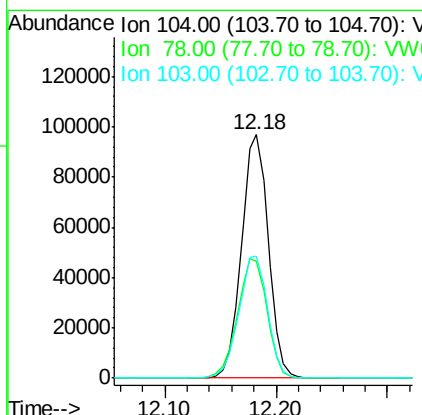
Manual Integrations
APPROVED

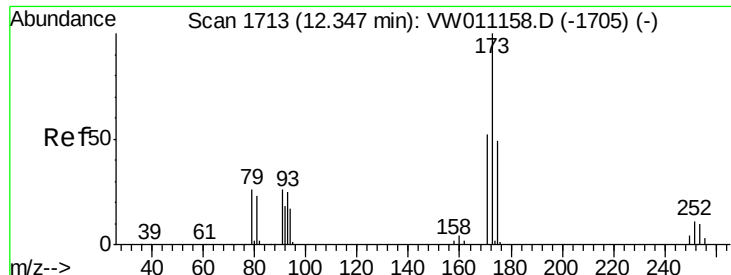
MMDadoda
7/10/2019 10:47:37 AM



#70
Styrene
Concen: 20.678 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:104 Resp: 162047
Ion Ratio Lower Upper
104 100
78 53.5 43.1 64.7
103 53.8 44.1 66.1





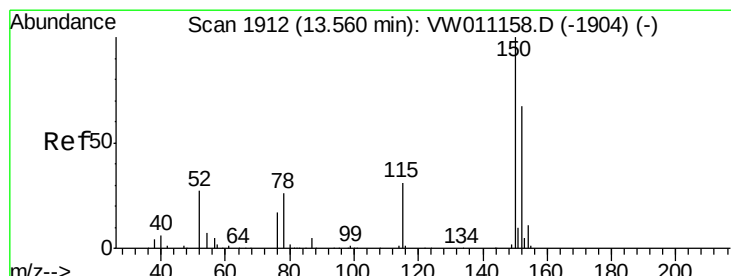
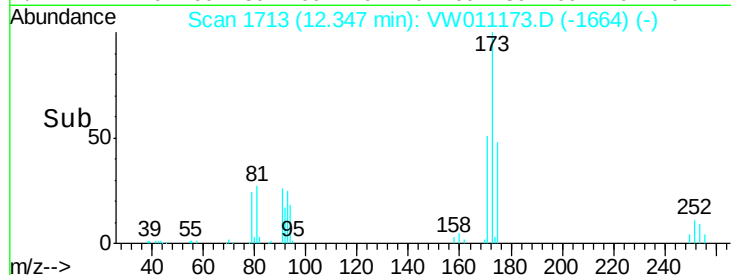
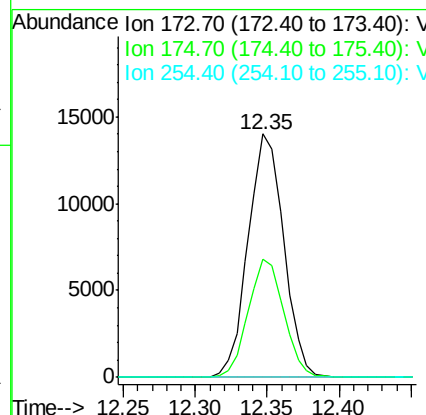
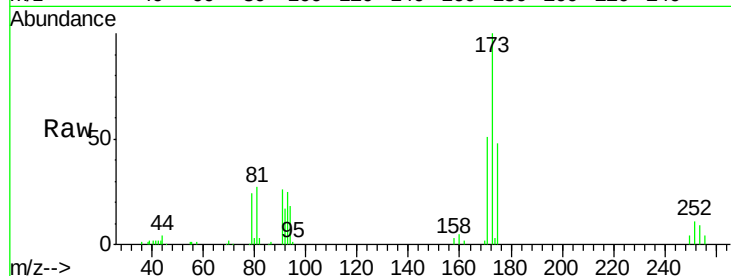
#71
Bromoform
Concen: 18.415 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.0	0.0	0.0

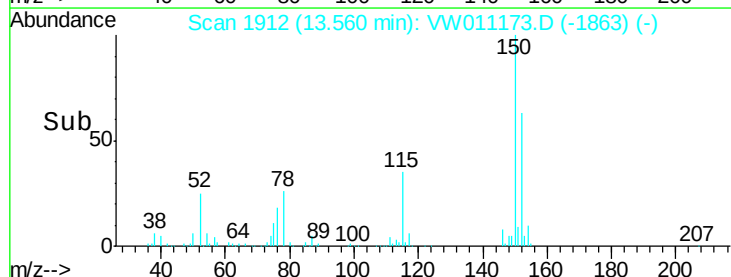
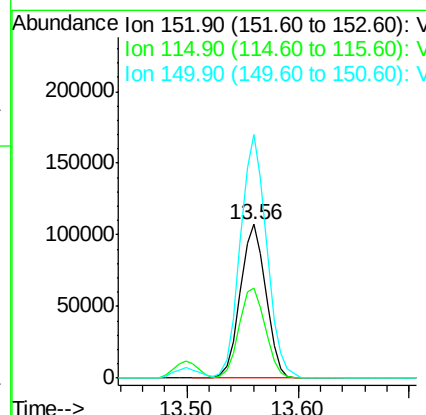
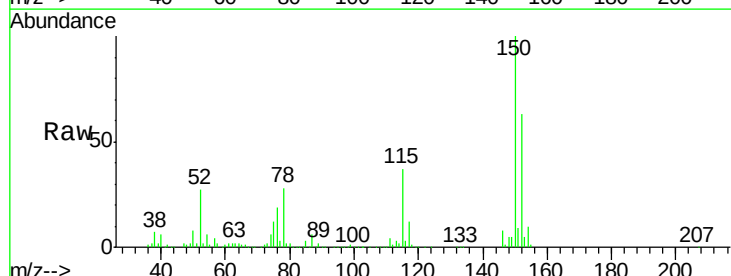
Manual Integrations
APPROVED

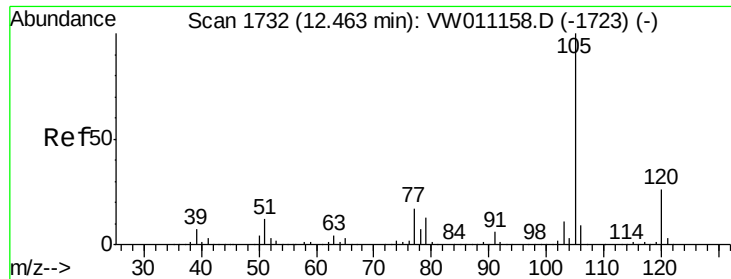
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.3
150	163.9	0.0	346.0





#73

Isopropylbenzene

Concen: 20.342 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS01

Tot Ion:105 Resp: 258272

Ion Ratio Lower Upper

105 100

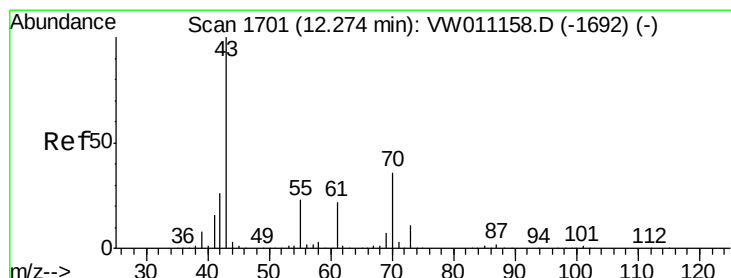
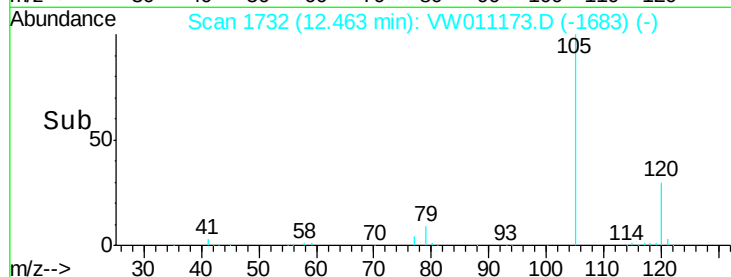
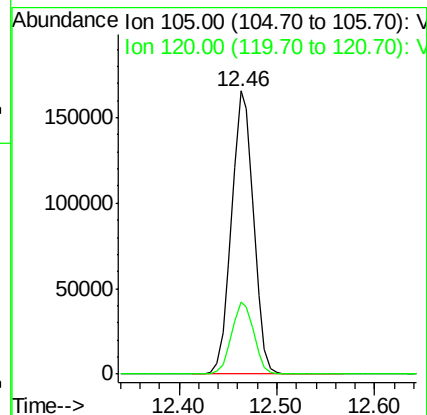
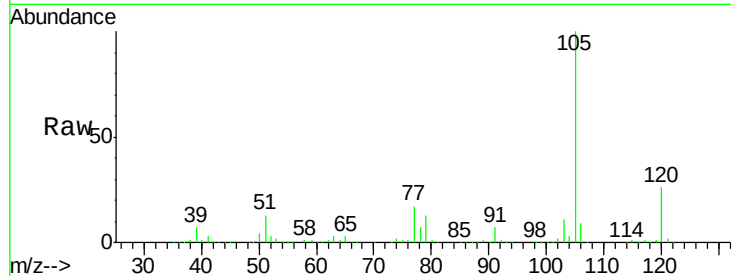
120 25.7 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.358 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion: 43 Resp: 85601

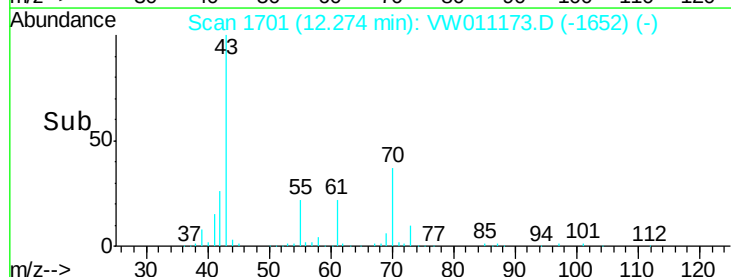
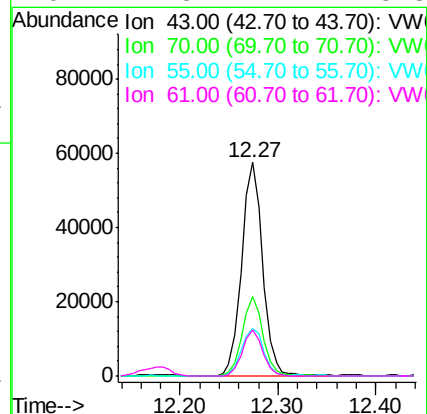
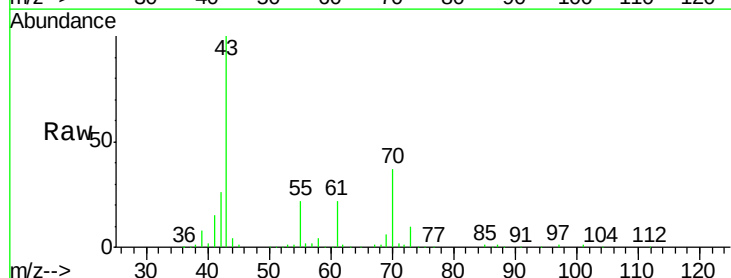
Ion Ratio Lower Upper

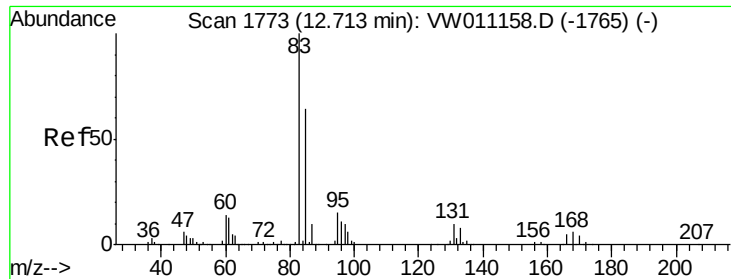
43 100

70 36.8 28.5 42.7

55 23.5 18.1 27.1

61 21.3 17.2 25.8





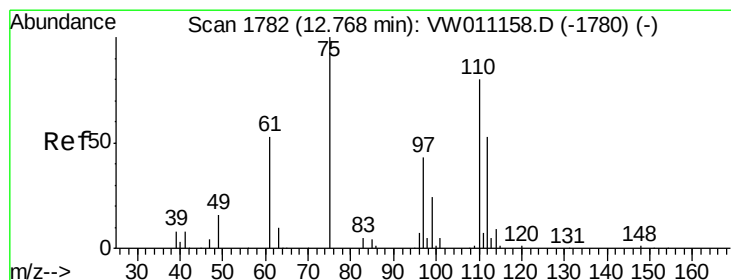
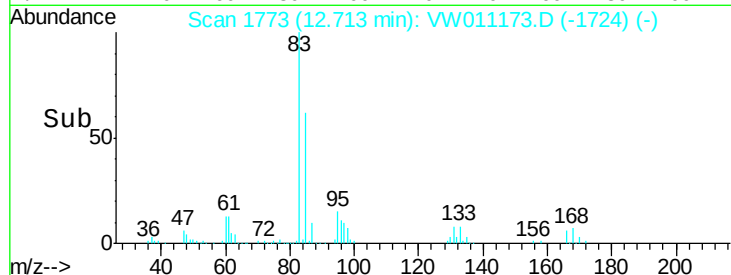
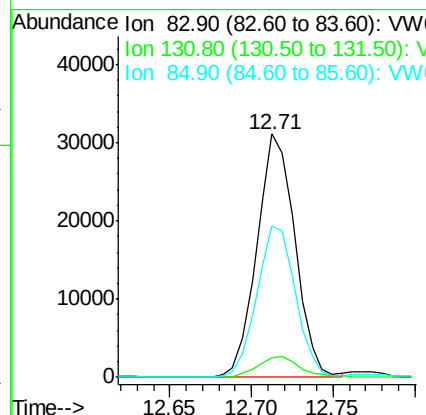
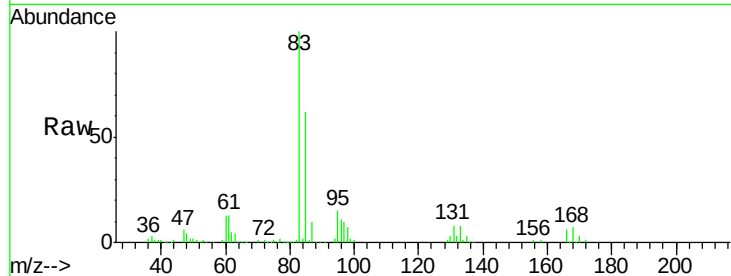
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.419 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	63.3	31.6	94.8

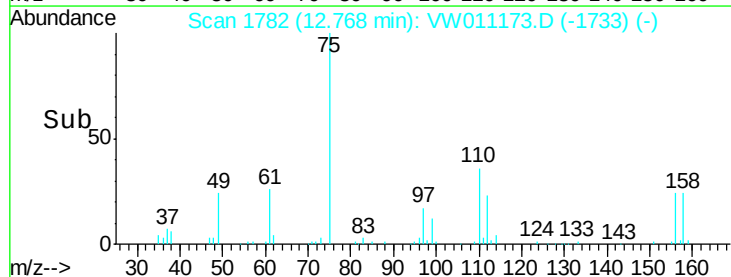
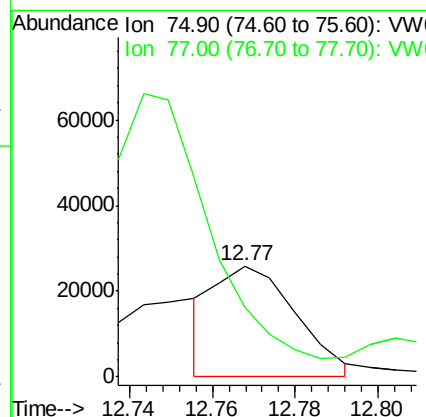
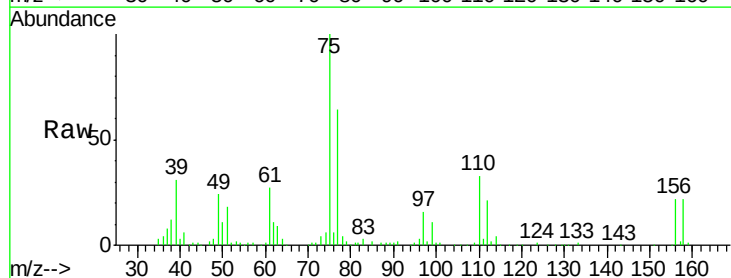
Manual Integrations
 APPROVED

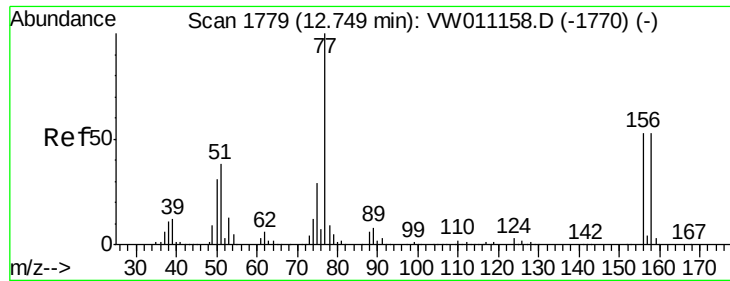
MMDadoda
 7/10/2019 10:47:37 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.031 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





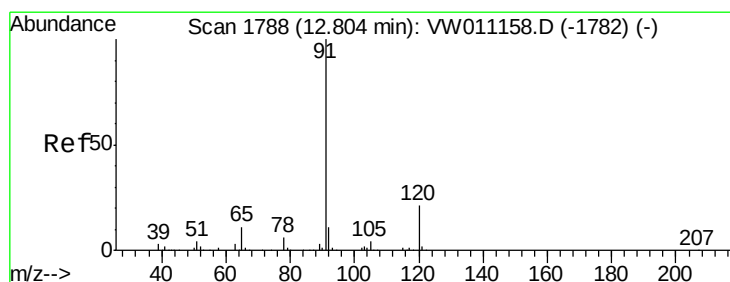
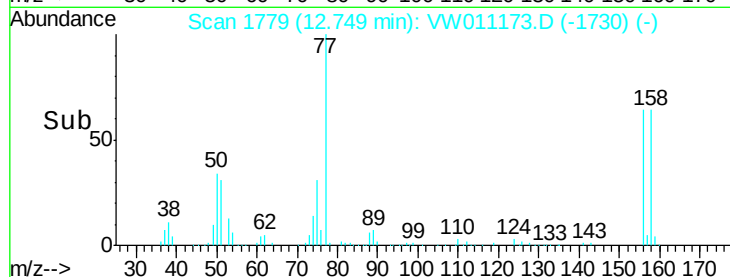
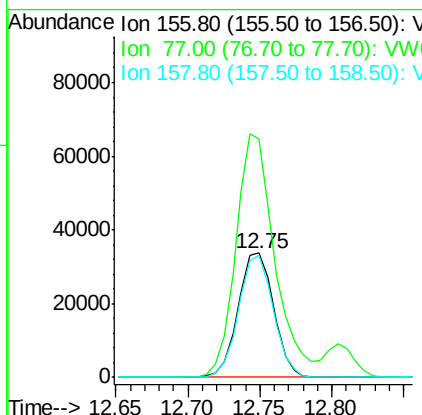
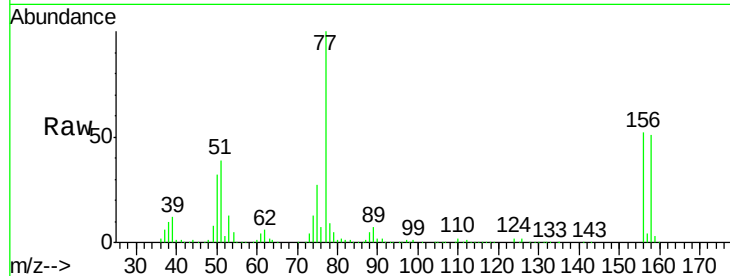
#77
Bromobenzene
Concen: 20.181 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.8	109.0	327.0
158	95.9	48.8	146.3

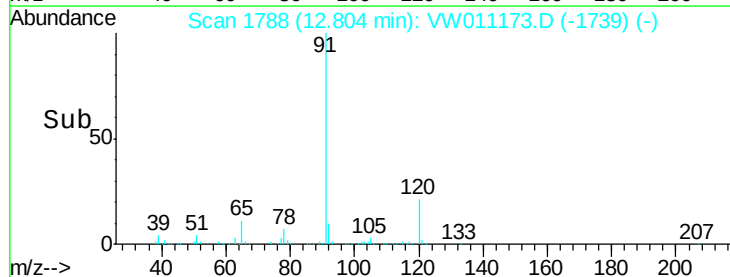
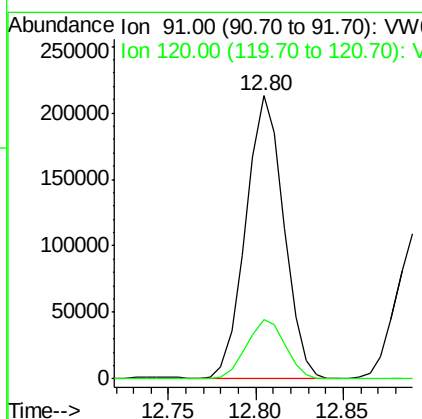
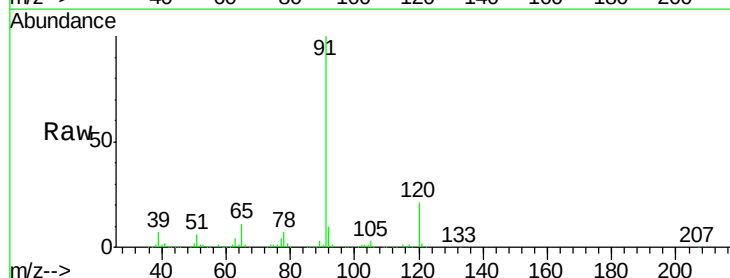
Manual Integrations
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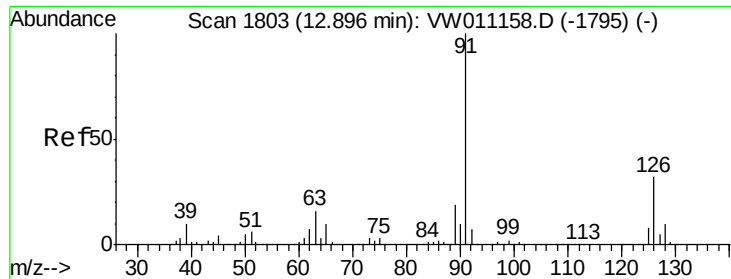
MMDadoda
7/10/2019 10:47:37 AM



#78
n-propylbenzene
Concen: 20.601 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





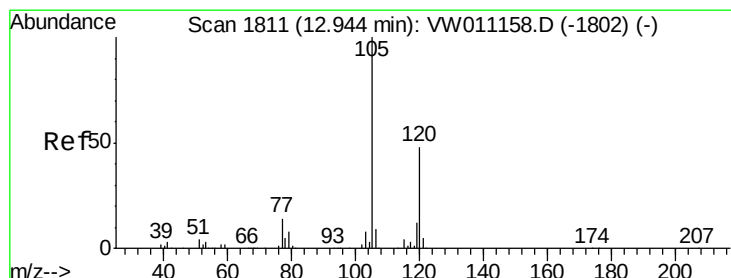
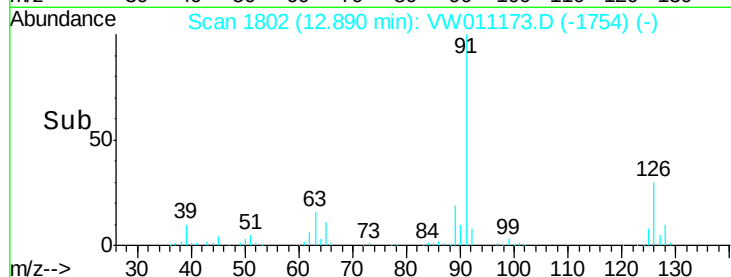
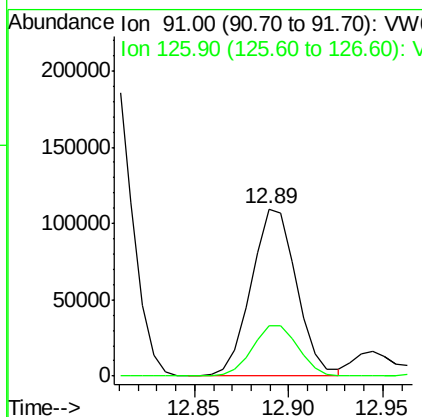
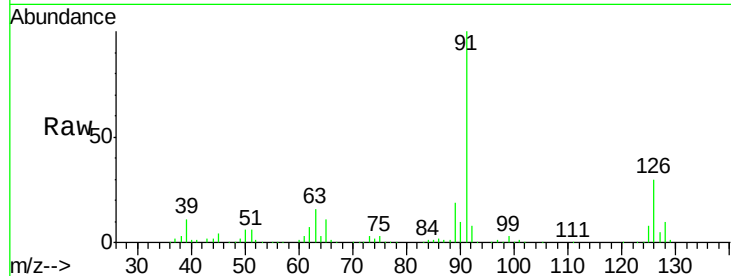
#79
2-Chlorotoluene
Concen: 20.321 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tot Ion: 91 Resp: 182890
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.3

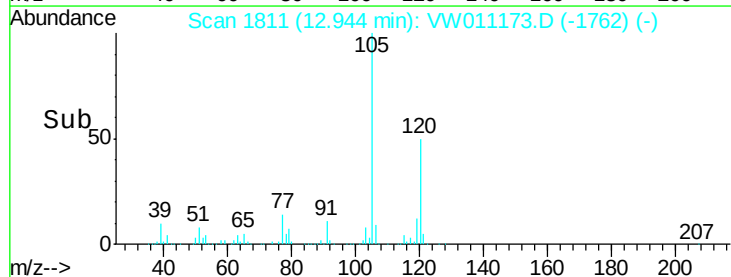
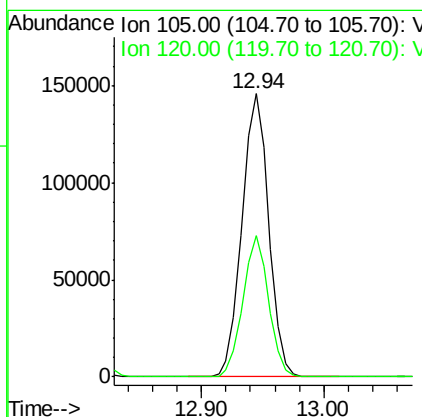
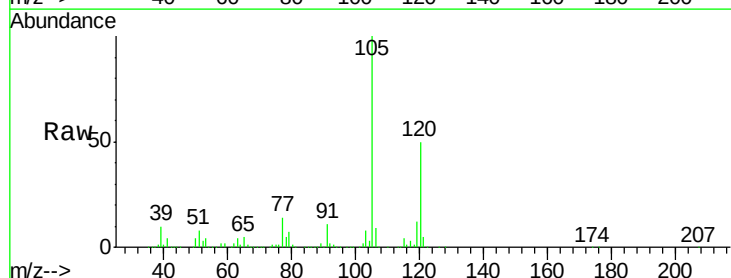
Manual Integrations
APPROVED

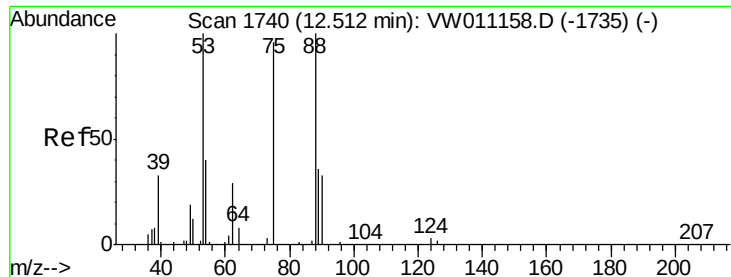
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.373 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:105 Resp: 219747
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.540 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

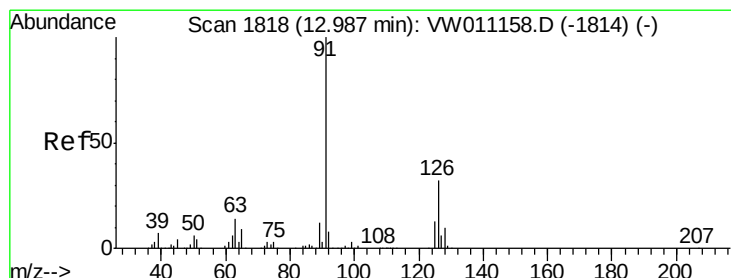
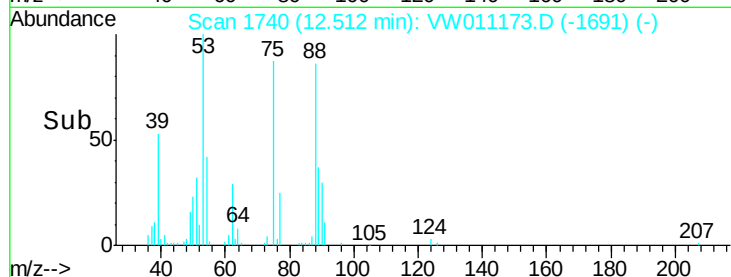
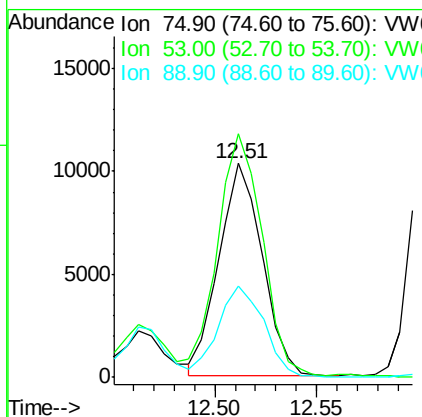
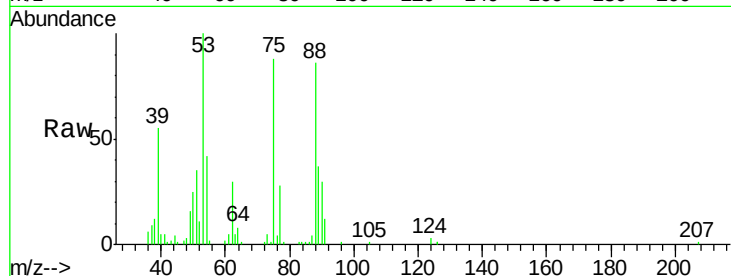
ClientSampleId :

VW0709SBS01

Tot Ion:	75	Resp:	15221
Ion	Ratio	Lower	Upper
75	100		
53	117.9	89.8	134.6
89	45.6	34.3	51.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.382 ug/l

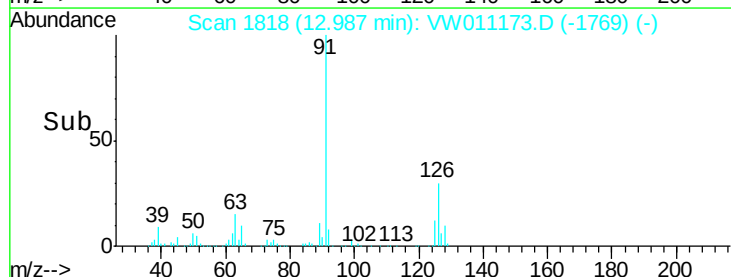
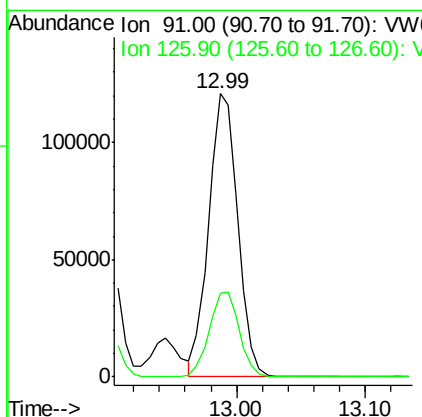
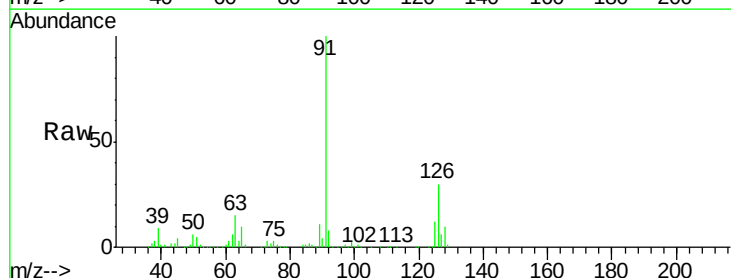
RT: 12.99 min Scan# 1818

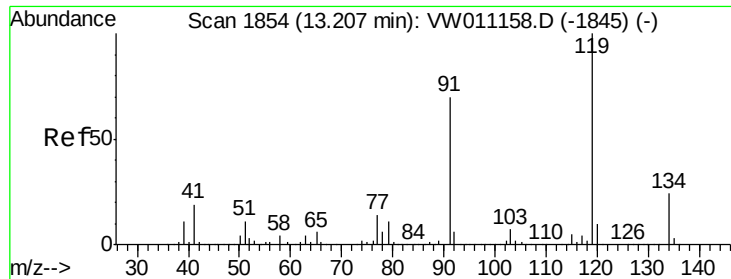
Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	91	Resp:	191072
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.1





#83

tert-Butylbenzene

Concen: 20.486 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

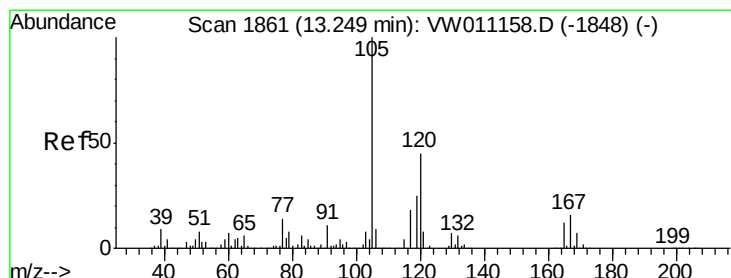
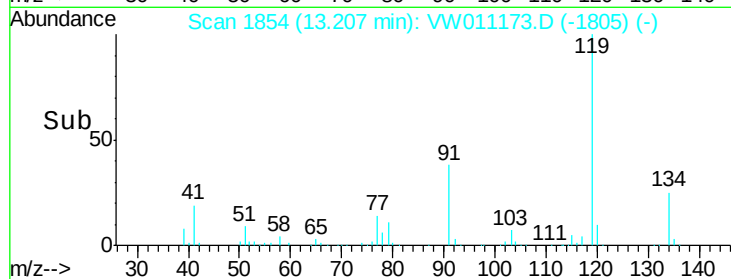
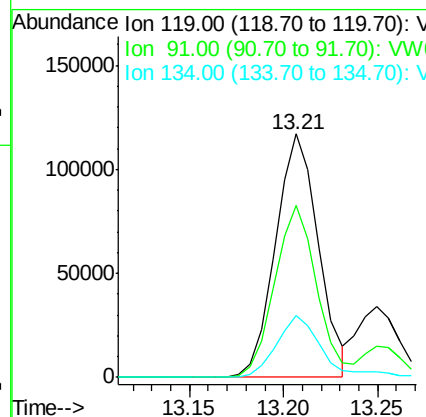
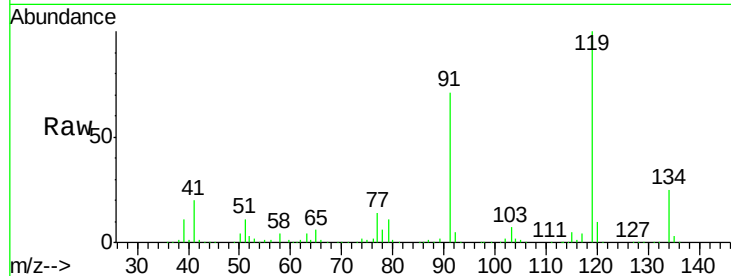
ClientSampleId :

VW0709SBS01

Tot Ion:	119	Resp:	184288
Ion Ratio	Lower	Upper	
119	100		
91	69.8	35.4	106.3
134	26.9	13.4	40.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.266 ug/l

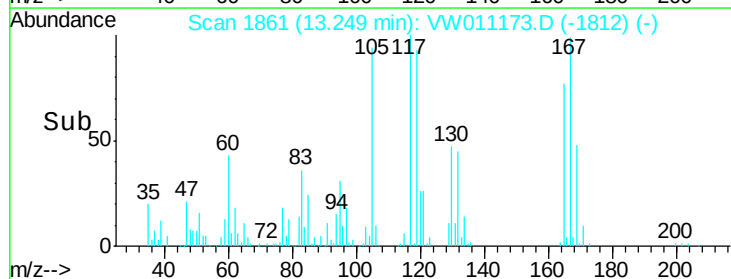
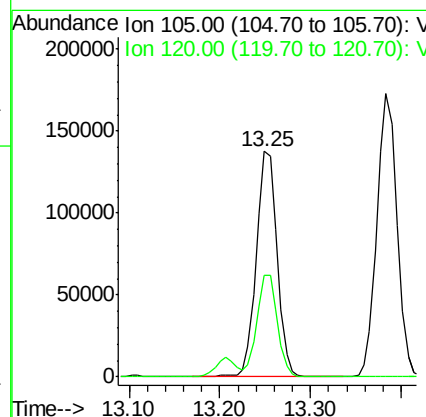
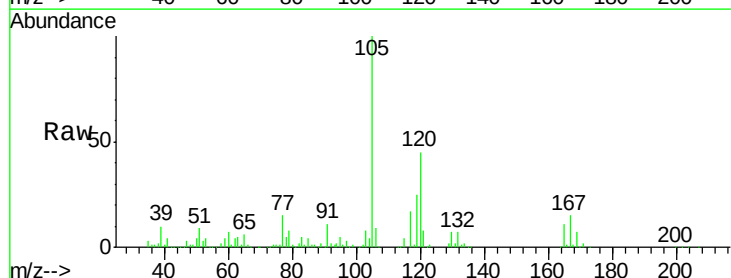
RT: 13.25 min Scan# 1861

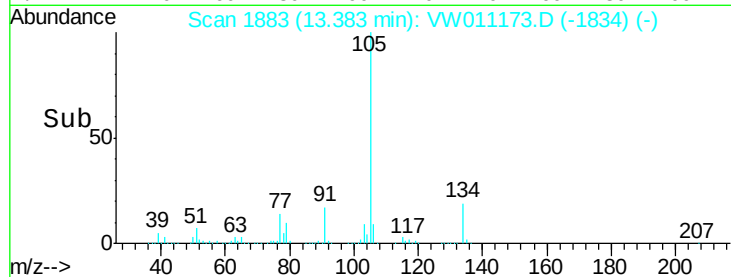
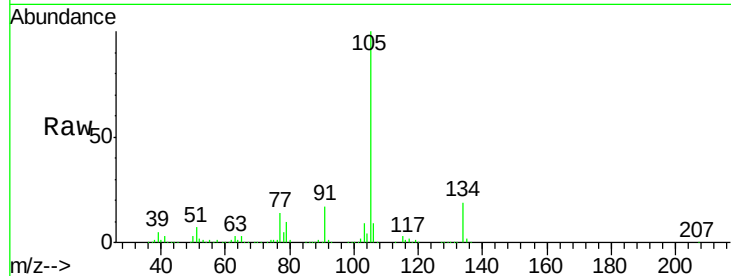
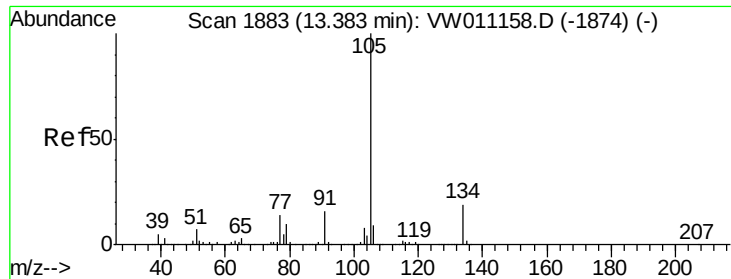
Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	105	Resp:	219500
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.3	66.9





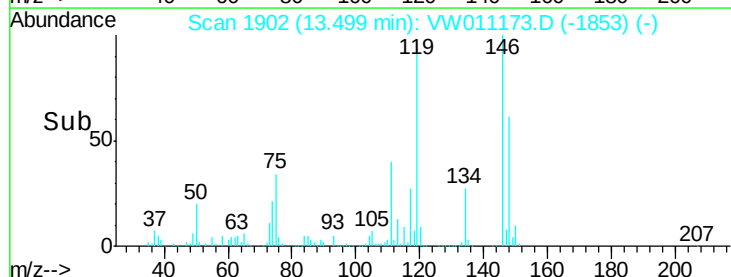
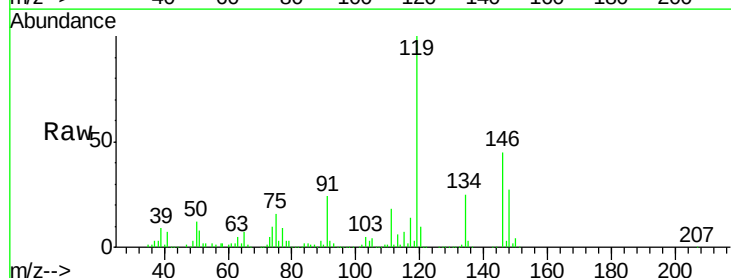
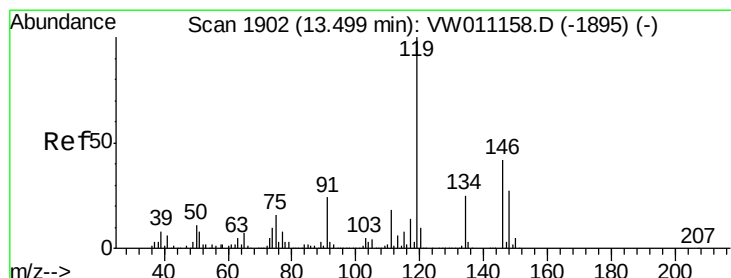
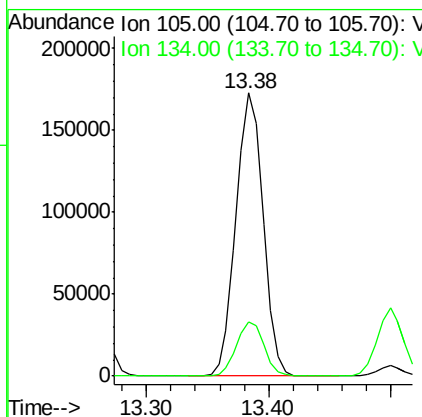
#85
 sec-Butylbenzene
 Concen: 20.482 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tot Ion	Ratio	Resp	Lower	Upper
105	100	265859		
134	19.4	9.7	28.9	

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

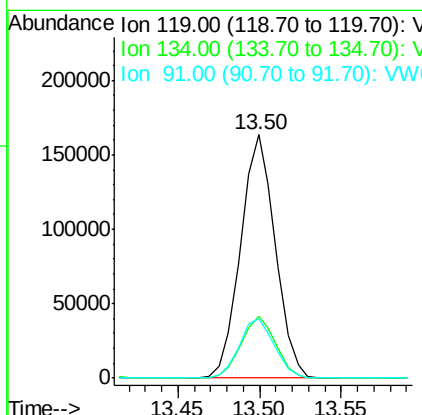
Manual Integrations
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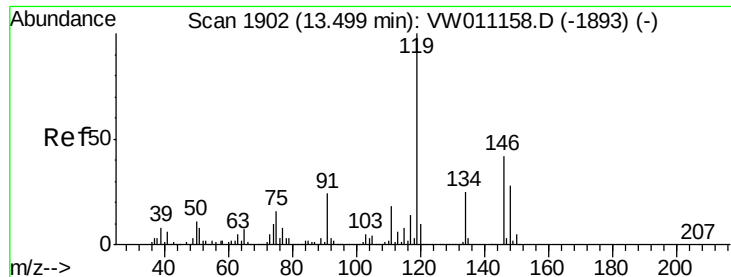
MMDadoda
 7/10/2019 10:47:37 AM



#86
 p-Isopropyltoluene
 Concen: 20.739 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	241451		
134	25.5	12.9	38.6	
91	24.9	12.3	36.8	





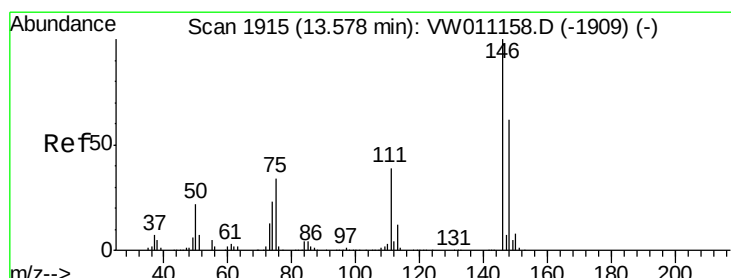
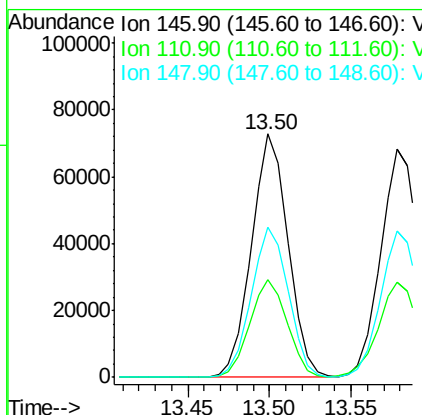
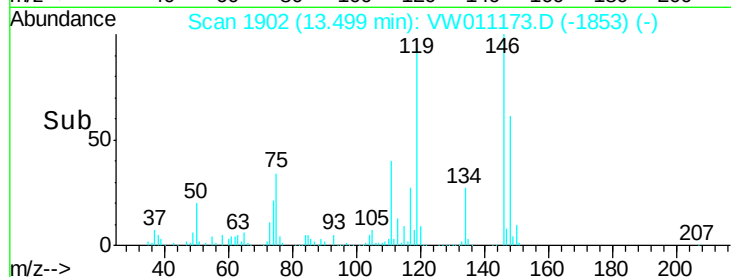
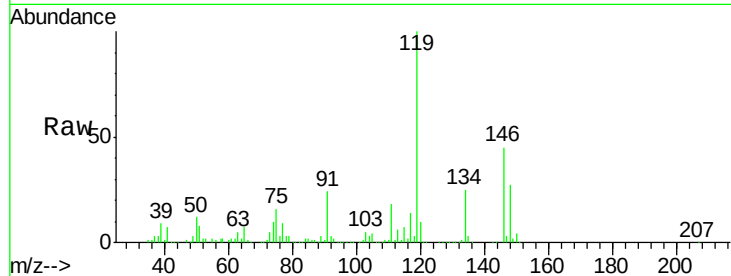
#87
 1,3-Dichlorobenzene
 Concen: 20.763 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.2	21.1	63.1	
148	62.4	32.6	97.7	

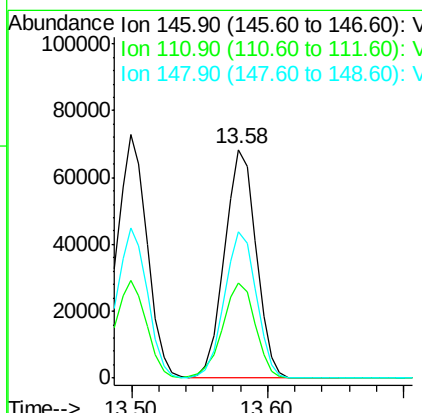
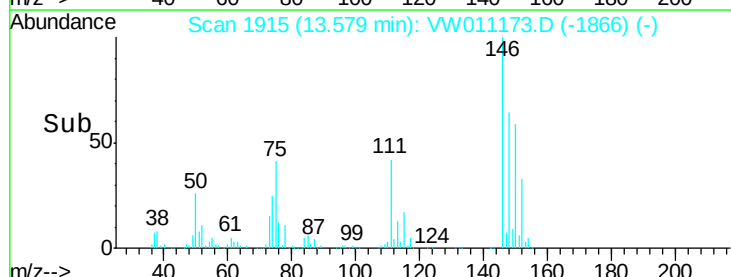
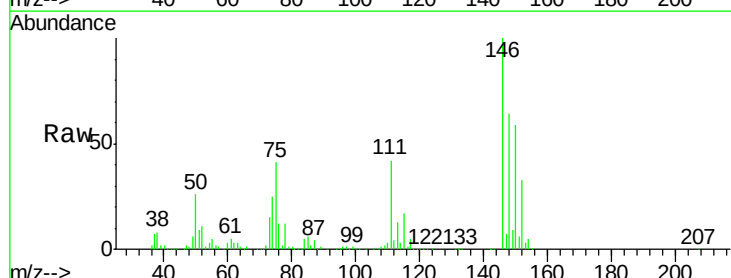
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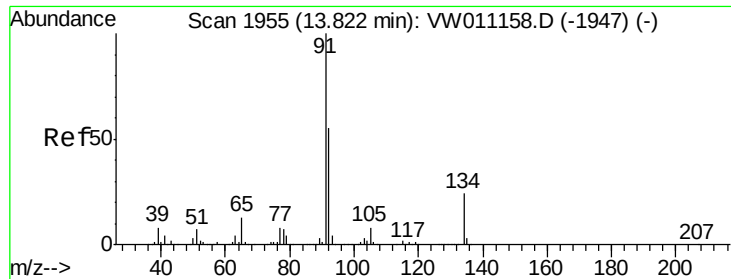
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#88
 1,4-Dichlorobenzene
 Concen: 20.015 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.3	19.9	59.7	
148	64.8	31.5	94.5	





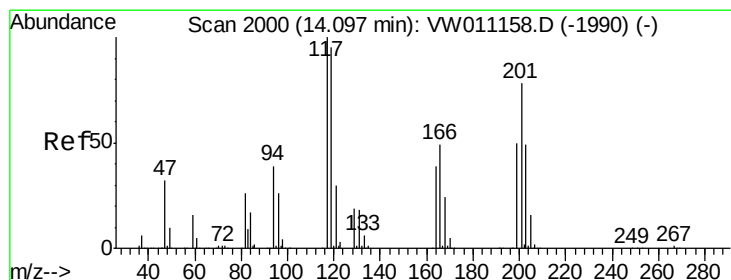
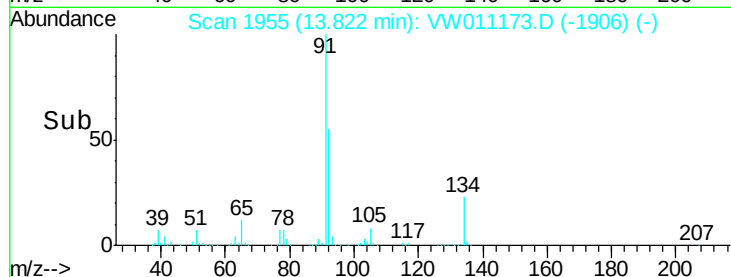
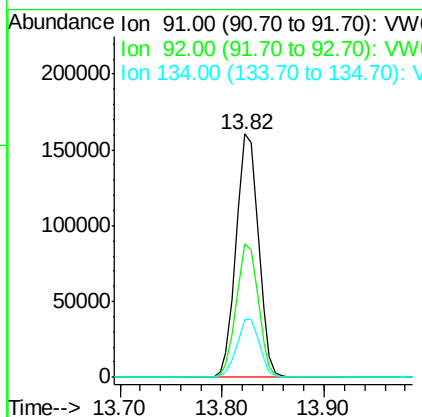
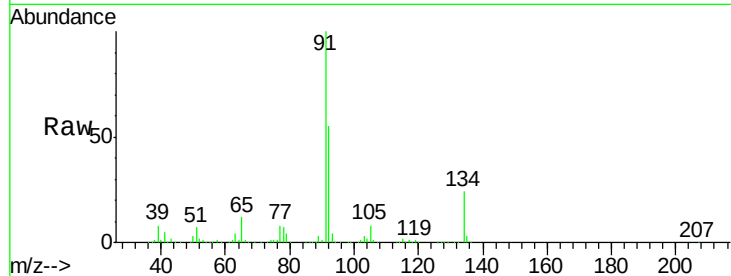
#89
n-Butylbenzene
Concen: 20.857 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.7
134	24.1	12.2	36.4

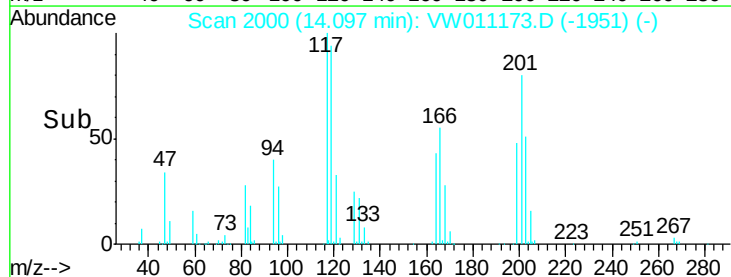
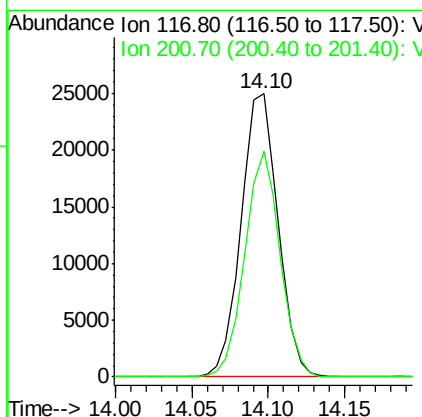
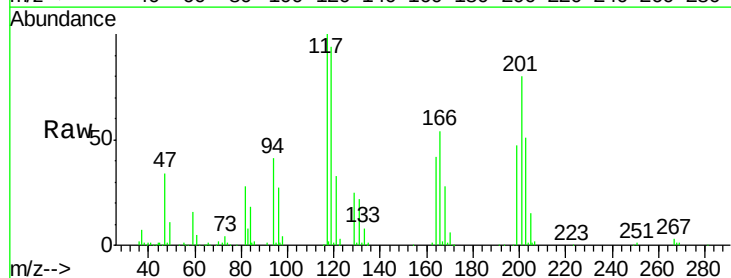
Manual Integrations
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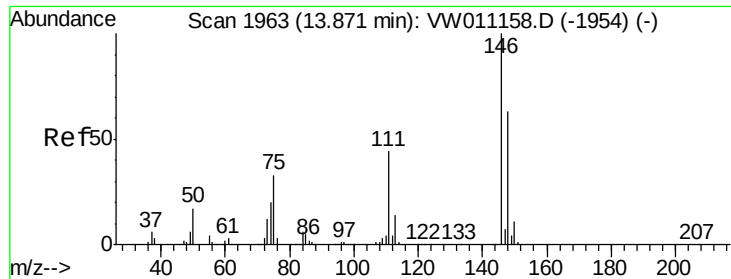
MMDadoda
7/10/2019 10:47:37 AM



#90
Hexachloroethane
Concen: 19.694 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.1	38.3	114.8





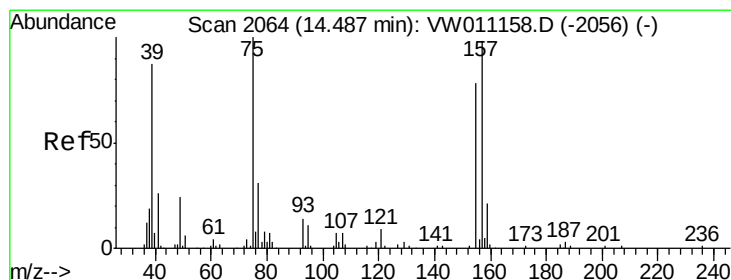
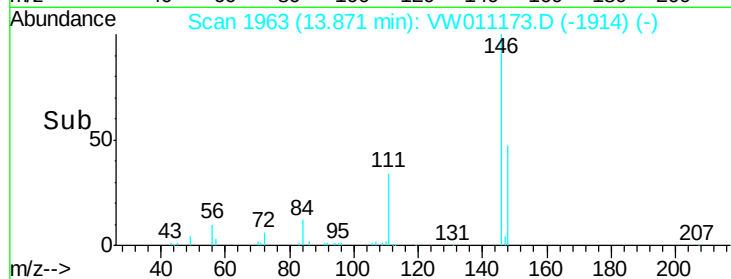
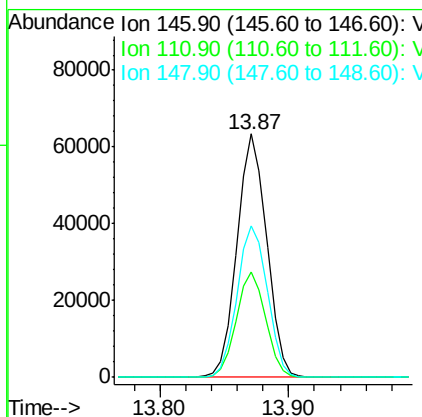
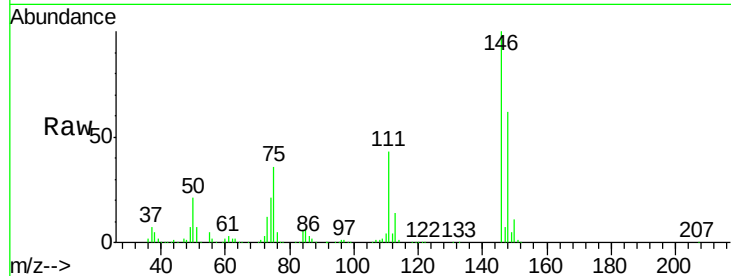
#91
 1,2-Dichlorobenzene
 Concen: 20.351 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	65.0
148	63.6	31.9	95.5

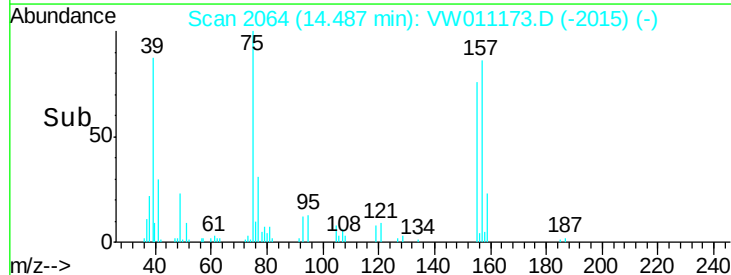
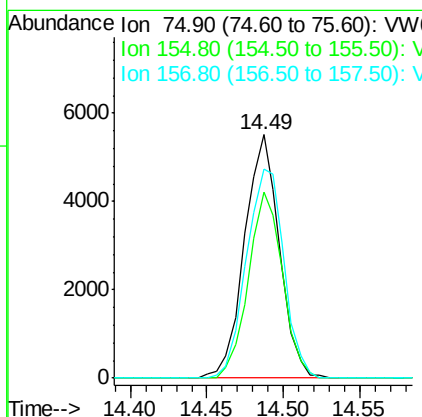
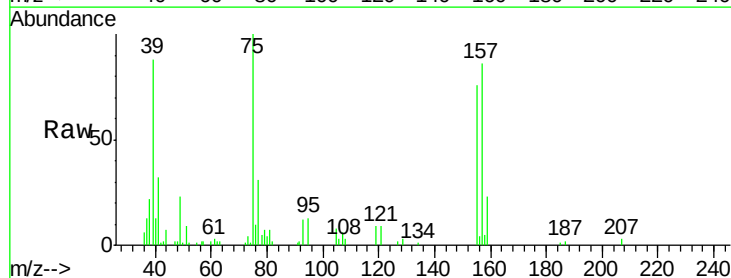
Manual Integrations
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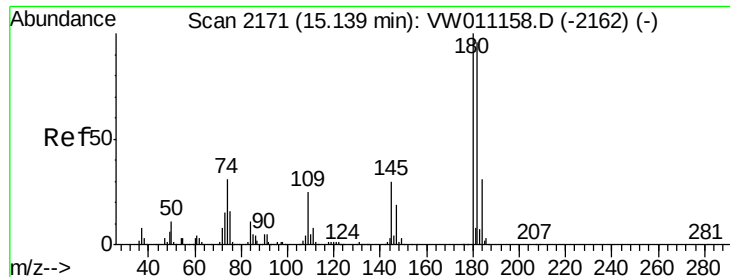
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.878 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	37.1	111.3
157	92.4	48.5	145.6





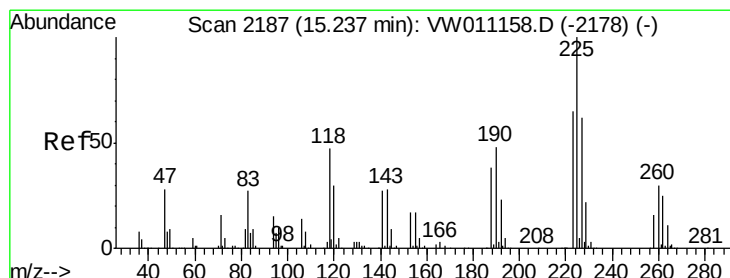
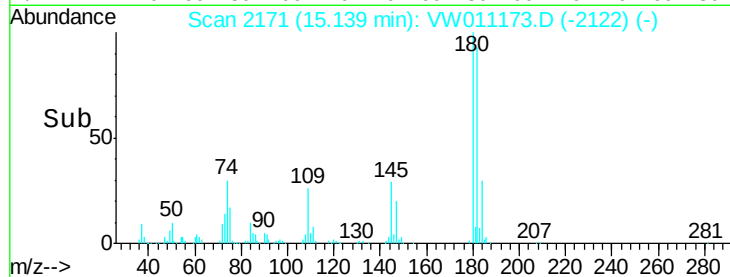
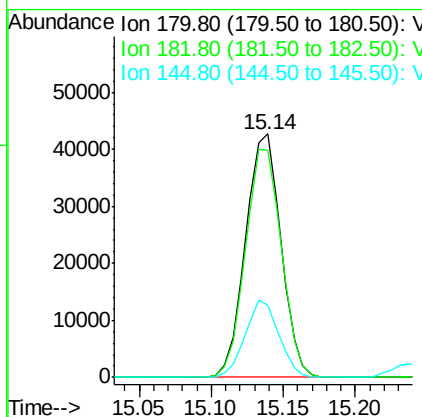
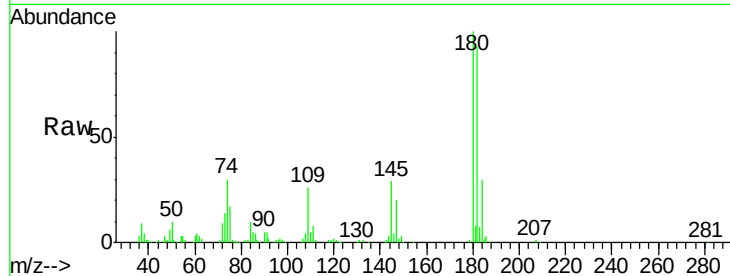
#93
 1,2,4-Trichlorobenzene
 Concen: 21.132 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	72390		
182	95.4	48.3	144.9	
145	30.3	15.5	46.5	

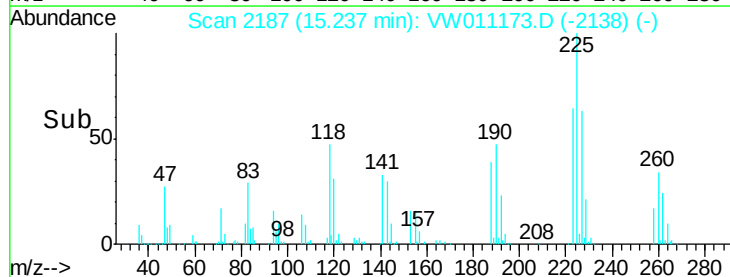
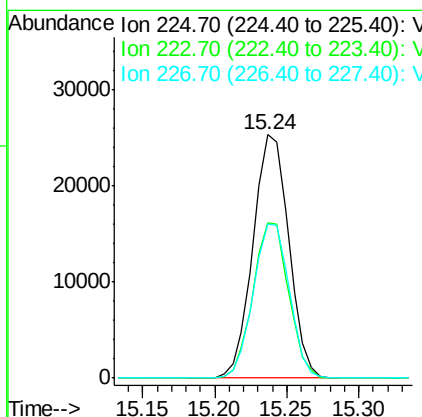
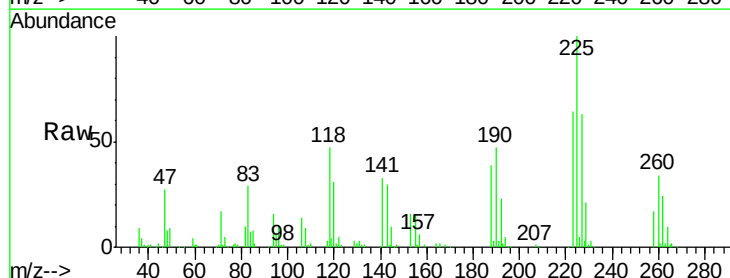
Manual Integrations
 APPROVED

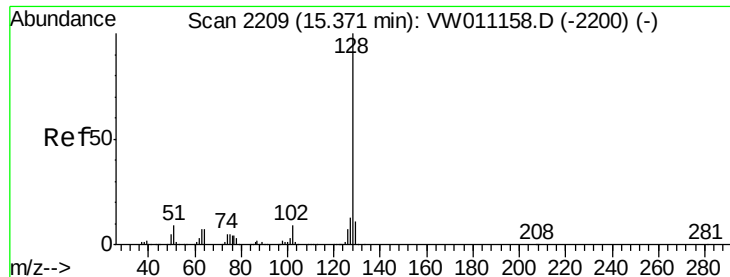
MMDadoda
 7/10/2019 10:47:37 AM



#94
 Hexachlorobutadiene
 Concen: 20.657 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43444		
223	63.4	31.6	95.0	
227	63.6	32.0	96.0	





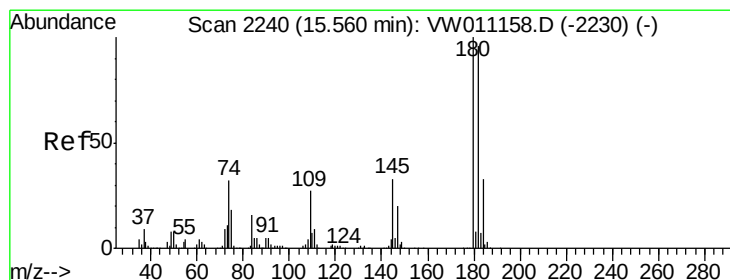
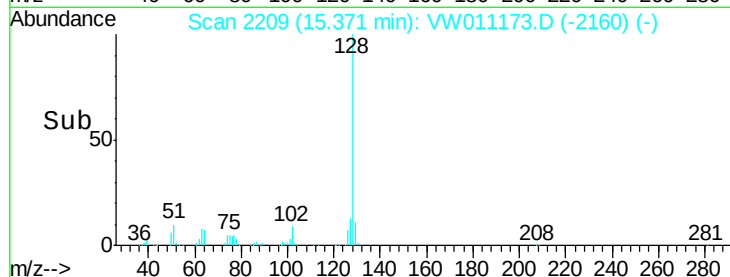
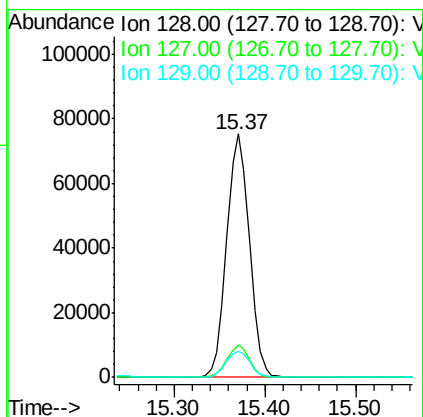
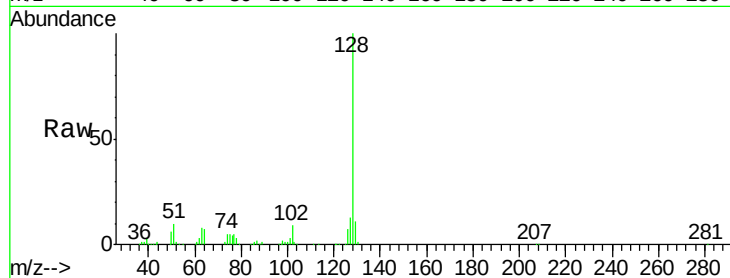
#95
Naphthalene
Concen: 20.023 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	131440		
127	13.1	10.6	16.0	
129	11.3	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
7/10/2019 10:47:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.973 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	63407		
182	95.5	47.6	142.8	
145	32.1	16.5	49.5	

